

19980120.qrp v00_n976.qrs.980120

Date: Tue, 20 Jan 1998 19:03:10 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 976

QRP-L Digest 976

Topics covered in this issue include:

- 1) [1412] Re: 38S For Sale
by "J. Skalski" <jskalski@acsu.buffalo.edu>
- 2) [1413] Re: Keyer wiring convention
by w4bws@juno.com (Donald E Sanders)
- 3) [1414] Pre-FYBO AB7TT/QRP/P Report
by Joe Gervais <vole@primenet.com>
- 4) [1415] Pre-FYBO Trip: The Dark Side (LONG)
by Joe Gervais <vole@primenet.com>
- 5) [1416] Re: MFJ 9020 for sale
by "N4ELM" <n4elm@ipass.net>
- 6) [1417] Foxhunt doomed ???
by pmk@juno.com (Patrick M Kvitkauskas)
- 7) [1418] **** Dayton Rooms ****
by Hank Kohl K8DD <k8dd@contesting.com>
- 8) [1419] Re: Foxhunt doomed ???
by ki7mn@dancris.com
- 9) [1420] Re: CQC Banquet Change of Location
by "Steve Hurst" <shurst@magiclink.com>
- 10) [1421] EPA QRP Club
by "Ron Polityka" <wb3aal@talon.net>
- 11) [1422] Archives update
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
- 12) [1423] N5JKY/AE
by wmcshan@REX.RE.ouhsc.edu (Mike McShan)
- 13) [1424] NE-QRP Winter Meeting March 15th
by Joseph Everhart <n2cx@voicenet.com>
- 14) [1425] (no subject)
by wddavis@pacbell.net
- 15) [1426] x
by RangerSF5 <RangerSF5@aol.com>
- 16) [1427] Fox again 1-21-98
by "Dean Marzocca" <n2tnn@ifu.net>
- 17) [1428] Fox's
by Mark Kesner <marklori@visuallink.com>
- 18) [1429] *NO* Monday Nite FOX - W2UX
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 19) [1430] Swap in Georgetown, TEXAS

- by Glen Reid <k5hgb@flash.net>
- 20) [1431] Re: Antenna Question: Better Bazooka?
by Peter Larsen <larsenp@cadvision.com>
- 21) [1432] WTB Straight Key
by "Craig Lund" <clund@bestweb.net>
- 22) [1433] Heathkit Green Paint
by "Craig Lund" <clund@bestweb.net>
- 23) [1434] x
by RangerSF5 <RangerSF5@aol.com>
- 24) [1435] 38 Special f/s or trade
by Scott Bauer <ke3nv@erols.com>
- 25) [1436] SPRAT Reprint, ARRL Bulk Order Update
by "Bill Kelsey - N8ET - Kanga US" <kanga@mail.bright.net>
- 26) [1437] x
by RangerSF5 <RangerSF5@aol.com>
- 27) [1438] FYB0: QST Screws Up Big Time
by Joe Gervais <vole@primenet.com>
- 28) [1439] Re: Heathkit Green Paint
by "Roger Whitaker [K9LJB]" <k9lj@iname.com>
- 29) [1440] W2UX FOX Log & Comments - 1/20/98
by "Gary M. - W2UX" <mail4gary@worldnet.att.net>
- 30) [1441] Fox Tues.
by Jerrydeen <Jerrydeen@aol.com>
- 31) [1442] N/T log 1/19
by Jerrydeen <Jerrydeen@aol.com>
- 32) [1443] 38 special sold
by Scott Bauer <ke3nv@erols.com>
- 33) [1444] QRP Quarterly
by Robert Bayha <rbayha@ix.netcom.com>
- 34) [1445] X
by RangerSF5 <RangerSF5@aol.com>
- 35) [1446] Re: Heathkit Green Paint
by W7LS <w7ls@blarg.net>
- 36) [1447] Re: FYB0: QST Screws Up Big Time
by n7mfb@juno.com (Bill Todd)
- 37) [1448] 49er f/s or trade
by Scott Bauer <ke3nv@erols.com>
- 38) [1449] ZM-2 update !
by ROYGREGSON <ROYGREGSON@aol.com>
- 39) [1450] Re: Tuna Tin 2 PCB Layout Available
by R00 <R00@kanga.demon.co.uk>
- 40) [1451] Re: FYB0: QST Screws Up Big Time
by Paul Helbert <phelbert@rica.net>
- 41) [1452] Re: FYB0: QST Screws Up Big Time
by Michael Maiorana <mikemo@ibm.net>
- 42) [1453] Unknown Mode/Noise
by cjl@mail09.mitre.org (Charles J. Ludinsky)
- 43) [1454] W2UX

- by Bruce Rattray <rattray@gpfn.sk.ca>
- 44) [1455] FOR SALE: HW-8 + HWA-7-1 and Palomar Wattmeter
by "Michael, Dana A" <damichael@amp.com>
- 45) [1456] N5JKY/AE.....Wahoooooooo!
by ab5uacw@juno.com (Clifton W Sikes)
- 46) [1457] Use for cordless phone parts?
by Dave Redfearn <n4elm@ipass.net>
- 47) [1458] KnightSMiTe Update
by "Bob Kellogg" <ae4ic@nr.infi.net>
- 48) [1459] Re: Keyer wiring convention
by "Michael A. Gipe" <mgipe@reliablemeters.com>
- 49) [1460] Re: Antenna Question: Better Bazooka?
by "Michael A. Gipe" <mgipe@reliablemeters.com>
- 50) [1461] Re: Use for cordless phone parts?
by Paul Harden <pharden@aoc.nrao.edu>
- 51) [1462] FS: Autronics Paddle
by pete petry <cpetry@ccs.lmco.com>
- 52) [1463] Cold Wx Batteries
by Steven Weber <kd1jv@moose.ncia.net>
- 53) [1464] Re: Receiver trouble shooting (LONG)
by John Bohnert <johnb@elmhurst.edu>
- 54) [1465] Q??: Gas Batt's, Icom R-100
by Niel Skousen <nskousen@scientechnology.com>
- 55) [1466] RE: Receiver trouble shooting (LONG)
by "Rattray, Bruce" <Rattray@siast.sk.ca>
- 56) [1467] WTB:schematic, Palomar FC-40 freq counter
by Greg Weinfurtner <weinfurtner@ouvaxa.cats.ohiou.edu>
- 57) [1468] Index Laboratories and also parts and pieces...
by pete petry <cpetry@ccs.lmco.com>
- 58) [1469] Help w/ID of chips
by Greg Weinfurtner <weinfurtner@ouvaxa.cats.ohiou.edu>
- 59) [1470] Circad Question
by Brian Kassel <bkassel@dancris.com>
- 60) [1471] de W5sb back again
by "Bill Denton" <bdenton@tenet.edu>
- 61) [1472] Re: Cold Wx Batteries
by Steve Galchutt <n0tu@webaccess.net>
- 62) [1473] FYBO '98 @ T minus 17 days & counting
by wa5whn@juno.com
- 63) [1474] Re: Index Laboratories and also parts and pieces...
by n7mfb@juno.com (Bill Todd)
- 64) [1475] broadbanding antennas
by torell@sicom.com (Kent Torell)
- 65) [1476] How I live with Deep Cycle Batteries
by ji3m@maxwell.com (James R. Duffey)
- 66) [1477] Re: How I live with Deep Cycle Batteries
by "W. Daniel, 9V1ZV" <daniel@pandora.lugs.org.sg>
- 67) [1478] Re: Unknown Mode/Noise

- by Bob Patten <n4bp@bc.seflin.org>
- 68) [1479] 49er sold
by Scott Bauer <ke3nv@erols.com>
- 69) [1480] Tuna Tin 2 Files
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 70) [1481] WorldRadio Books
by kreinbd@ccgate.dl.nec.com (David Kreinberg)
- 71) [1482] Re: Keyers w/Analog Speed Control?
by Steve Galchutt <n0tu@webaccess.net>
- 72) [1483] Double Bazooka...Broadbanding...
by "KA5T Larry Wise" <lewise@inetport.com>
- 73) [1484] Re: Tuna Tin 2 Files
by wmcshan@REX.RE.ouhsc.edu (Mike McShan)
- 74) [1485] Re: W2UX FOX Log & Comments - 1/20/98
by "tom palmer" <n1tp@worldnet.att.net>
- 75) [1486] Re: Receiver trouble shooting (LONG)
by Michael Maiorana <mikemo@ibm.net>
- 76) [1487] Precision Sig. Gen. E-200 info needed
by Michael Maiorana <mikemo@ibm.net>
- 77) [1488] Re: Keyer wiring convention
by Ed Loranger <we6w@qsl.net>
- 78) [1489] Tuna Tin 2 and QRP RTTY
by John Fletcher <johnf@innotts.co.uk>
- 79) [1490] Re: Keyer wiring convention
by "Michael A. Gipe" <mgipe@reliablemeters.com>
- 80) [1491] Re: Double Bazooka...Broadbanding...
by Ed Loranger <we6w@qsl.net>
- 81) [1492] Re: Keyer wiring convention
by Monte Stark <ku7y@sage.dri.edu>
- 82) [1493] Re: Unknown Mode/Noise
by W7LS <w7ls@blarg.net>
- 83) [1494] Re: Receiver trouble shooting (LONG)
by Bob Bayha <rbayha@ix.netcom.com>
- 84) [1495] Elmer Kit (Long)
by Brian Kassel <bkassel@dancris.com>
- 85) [1496] Re: How I live with Deep Cycle Batteries
by Tim Pettibone <tpettibo@NMSU.Edu>
- 86) [1497] Raspy Morse sigs from afar...
by Ed Loranger <we6w@qsl.net>
- 87) [1498] [Fwd: SG-2020]
by "Jeff M. Gold" <JGold@tntech.edu>
- 88) [1499] Dan's NW8080
by "Jeff M. Gold" <JGold@tntech.edu>
- 89) [1500] EleCraft K2 Transceiver Info
by "Paul Christensen" <paulc@mediaone.net>
- 90) [1501] Searching Back issues.....
by "KA5T Larry Wise" <lewise@inetport.com>
- 91) [1502] Roy Gregson

- by tom whalen <whalen@swcp.com>
- 92) [1503] Proposed: Ten-Tec kits group buy?
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
- 93) [1504] Re: Keyer wiring convention
by Bob Patten <n4bp@bc.seflin.org>
- 94) [1505] Re: Keyer wiring convention
by "KA5T Larry Wise" <lewise@inetport.com>
- 95) [1506] Re: Elmer Kit (Long)
by Roger Braker <msebrakr@telepath.com>
- 96) [1507] Re: Keyer wiring convention
by Ed Loranger <we6w@qsl.net>
- 97) [1508] FS: NorCal Cascade
by AA3BP <AA3BP@aol.com>
- 98) [1509] Sierra Band Module Alignment
by lenriquez@pacific.simoco.com (Luke Enriquez)
- 99) [1510] School Club Roundup announcement
by "Swanson, Glenn, KB1GW" <gswanson@arrl.org>
- 100) [1511] Fwd: [Fwd: Fwd: WOMEN]
by Bigbob97 <Bigbob97@aol.com>
- 101) [1512] KI6DS Needs Tuna Tin PCB Help
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 102) [1513] RE: WorldRadio Books
by Larry Cruise <Larry.Cruise@MCI.Com>
- 103) [1514] Correction to N/T+ Log for 1/19/98
by Shephed <Shephed@aol.com>
- 104) [1515] Re: Keyer wiring / Odd Human Features
by Joe Gervais <vole@primenet.com>
- 105) [1516] Re: Fox again 1-21-98
by "Dean Marzocca" <n2tnn@ifu.net>
- 106) [1517] Re: Keyer wiring / Odd Human Features
by Ed Loranger <we6w@qsl.net>
- 107) [1518] Colpitts JFet help
by Bigbob97 <Bigbob97@aol.com>
- 108) [1519] Re: Colpitts JFet help
by "Robert P. Okas" <vintage@best.com>

Date: Mon, 19 Jan 1998 19:00:14 -0500 (EST)
From: "J. Skalski" <jskalski@acsu.buffalo.edu>
To: Larry East <w1hue@amsat.org>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [1412] Re: 38S For Sale
Message-ID: <Pine.GS0.3.96.980119185949.12961A-1000000@callisto.acsu.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Is it a round emblem or winged? :-)

73,

Jim N2GO
The Buffalo QRP CONNECTION
ARCI #9013 QRP-L #381
Life member ARRL
jskalski@acsu.Buffalo.EDU

Date: Mon, 19 Jan 1998 18:57:50 EST
From: w4bws@juno.com (Donald E Sanders)
To: we6w@qsl.net
Cc: qrp-l@Lehigh.EDU
Subject: [1413] Re: Keyer wiring convention
Message-ID: <19980119.201117.6895.3.W4BWS@juno.com>

Since I was used to using a Vibroplex Bug , I wired my keyer paddle to
key the same--Too hard to teach this old dogs fingers something new.
Donald E. Sanders W4BWS
694 E. Eau Gallie Blvd. Satellite Beach, Fl 32937
407-779-0222 Fax 407-779-0830
E-mail to w4bws@juno.com
My favorite QRP rig glows in the dark

Date: Mon, 19 Jan 1998 17:38:16 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@Lehigh.EDU
Subject: [1414] Pre-FYB0 AB7TT/QRP/P Report
Message-ID: <199801200038.RAA04578@usr07.primenet.com>

Howdy Folks,

Well my pre-FYB0 shakedown was fun! Didn't get to hear the
dogsled QRPers in the Northeast, but worked a few fellow
QRP-Lers, spent a few days snowshoeing/camping in the great
white wilds, and burned off some of that "winter insulation"
I've been acquiring around my midsection. :-)

Plans had changed a bit after my misadventures while packing the previous night (see "Pre-FYBO Trip: The Dark Side" after this...) but my co-worker and I were pretty amped up about finally getting in some snowcamping. Dave is a Novice ham who fell by the wayside, but after this trip he's been very eager to get back on the air - one more convert in the making. :-)

Hit the trailhead (about 15 miles NW of Flagstaff, AZ) late Sat morning. The regional volunteer search and rescue team was practicing snow survival and rescue techniques there, and all of them cast a worried glance our way as we unloaded our snowshoes, packs and topo maps. I assured them we weren't going to give them any extra practice. :-)

Our route followed some fire roads about 7 miles into the woods, on the south side of Kendrick Peak. Very nice sunny wx stayed with us the whole way, and we were making good time. Didn't see any elk, but we did see some elk footprints. Lots of snowmen too. Seems the area is very popular with x-country skiers and snowmobilers too. Either that or a very weird snow cult was erecting sacred idols. :-)

Our plan was to set up camp on Newman Hill (8600 ft) but we got a late start and decided to stop one mile short and camped out at 7500 ft on a slight ridge. Camp was quickly set up and the antenna (fan dipole) soon followed. Got on the air about an hour before sundown and had Ed WE6W bite my "CQ /QRP/P". Told him about some of my woeful tales, he told me how warm and toasty he was at home. I vowed to seek revenge. ;-)

Later found Ed working Steve N0TU/QRP/M. Couldn't resist, so I called Steve and we completed a QRP/P-QRP/M QSO. He promised he'd throw a log on the fire for me when he got home. :) I'd lost my watch along the way, and Dave forgot to bring his so I was badgering every ham I could for the time. Only had one VFO so couldn't check WWV in the middle of the QSO. :)

Worked one more ham (forget the call, but a "snowbird" in Palm Springs) then took a dinner break. It was quiet. Dead quite. Not even a hint of wind in the trees. Very eerie. Dave and I realized the only thing we could hear (when we weren't talking) was our heartbeats and the ambient QRN of our own ears. Turns out I have two such QRN sources - one at about 1200Hz and one at about 1000Hz, very faint.

Finished dinner, then got back on the air. Hooked up with ScQRPion Gary AB7MY who offered to call home and tell my YF I was doing fine in the snow. (Thanks Gary!) The band,

along with my battery, appeared to be dying as the temp dropped. My CQs went unanswered, and I couldn't get anyone's attention. Finally Gary answered me again, just to check in and tell me he'd told my wife I'd been eaten by the bears. ;-)

The night went fast, and the feeble rays of a winter morning woke us up. That's when I tried to pick up my boots. Remember that warm wx? Well all that wet gear was now ice gear. Finally freed my boots from the ground, only to find that my previously soaked boots now had all the flexibility of a steel block! My wool socks were frozen solid too, and the inside of the tent was plastered with frost from our breath. Everytime we moved, we set off a mini-snowstorm inside. :-)

Dave used my space blanket to form a makeshift solar oven to thaw out my boots - worked like a charm! 'Course now I had soggy boots to put on instead of steel-ice ones, but at least I could get them on my feet! Chomped some more gorp for breakfast (M&M's, cashews and dried apricots in my case) and fired up the radio again, but the band was dead. WWV wasn't even coming in. Packed up camp and headed back through the snow.

All in all a very good time. Hope to do it again before FYBO itself, this time so I can try it with my Sierra, ZM-2, longwire, and a much lighter battery!

Did anyone hear from the dog sled QRPers?

Hope all of you had a good weekend too!

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"It's hard to be unhappy when you have warm feet." -- Dave Rose

Date: Mon, 19 Jan 1998 17:43:58 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@Lehigh.EDU
Subject: [1415] Pre-FYBO Trip: The Dark Side (LONG)
Message-ID: <199801200043.RAA04887@usr07.primenet.com>

Howdy Folks,

Welcome to the "What Went Wrong" part of the story. :-)

My pre-FYBO shakedown is over. The snow-camping trip was lots of fun, but Murphy hit hard. Luckily I managed to lure him out of hiding *before* the actual trip. Advance planning/op-checking is a wonderful thing. Always flush Murphy out before you hit the field!

The night before departing, I was checking/testing all my gear. Snow camping can quickly turn miserable if critical gear fails! So what went wrong?

First problem was with my dear sweet Sierra. Was testing it with a dummyload to make sure band modules etc were working fine. Starting sending a few V's and CQ's, when suddenly the horrific scent of simmering components filled the air. YIKES! Cover was off, no sign of smoke. Hmmm.... *Very* carefully and slowly I started sending V's again. The smell came back and I caught the slightest hint of a whisp of smoke. Argh! Obviously a problem in the xmit section, and no time to debug. Switched plans to the *much* heavier QRP+. :-(
(Thanks to Bob KI7MN and Mark KJ7BS for their batteries!)

Moral: Backups rigs are invaluable. Badger your spouse, sell your Gilligan's Island lunchbox, whatever it takes to get \$\$\$ for a backup rig, even if it's just a monobander.

Next problem was my Whisperlite white gas stove. Had it for over a decade of reliable service, and was testing it on the patio. Fired up beautifully and was letting it burn a bit when suddenly the entire assembly flamed up! Some micro-leak somewhere is all I can figure. Now picture white gas under pressure, and *everything* (fuel bottle, pump, etc) is on fire. This, boys and girls, was a *BAD* situation. If the fire managed to reach the contents of the pressurized bottle, my patio would be a tribute to Dante's Inferno. Smothering with a blanket was ineffective (fuel vapor leaked through and the blanket flamed up!), fire extinguisher was on the other side of the house (too far), so I leaped over the pool fence and hit the hose on high.

NOTE: this was a VAPOR FIRE, NOT a grease/liquid gas fire (YET!). NEVER hit a grease/fuel-spill fire with water! You'll spread the burning material out farther and make the situation WORSE! Professional firefighters, please correct me if I'm wrong. Dry chemical extinguisher is the safe way.

My goal at this point was simply to keep the whole mess cool enough to avoid a fuel container compromise and to buy enough time to move the firebomb off the patio and onto the grass. Managed to keep a safe distance while moving the gear onto a low point in the grass, then drowned it under several inches of water.

Moral: Notice I was testing my stove on a concrete patio, NOT inside the house, probably averting a disaster. Always test such equipment in a safe area! I'll use the grass instead of the patio from now on. ;-) Also a good reason to always cook *outside* your tent.

Now you're probably wondering why, after all that, I still decided to go on the overnight snowcamping excursion. Simple. With all that had gone wrong, everything else *had* to go right. :-)

Well.... There was unseasonably warm wx in the mountains. All that snow turned to a lot of slush in the sun. As we set up camp 6 miles in (about 3 hours of snowshoeing), the refreshing cold of winter night finally settled in around us. Set up the radio inside the tent and fired it up. 40m was sounding good. Sent off "QRL?" a few times and noticed that the meter on my MFJ tuner wasn't moving. No power out?!? Well not quite. Seems the dual needles were *frozen*! The moisture from the warm slushy day had settled over the gear, and now in sub-freezing temps had locked the needles in place.

Finally thawed out the needles so I could tune the fan dipole, but power out was very low. A watt or two at most. Either that or the meters were *very* stingy in the cold. I was guessing the sub-freezing temps had caused a severe drop in battery capacity. The gel cell was sitting on a wool hat (insulated from snow), which helped a bit I think. The QRP+ draws over an amp on xmit and wants 13.8V I believe, so that was a definite factor too. Within 4 hours I was getting maybe 500mW out of the 7Ahr gel cell.

Moral: Winter field days pose some unique problems you just won't find at home or in warmer wx!

Just more stories from the field. FYBO field ops please check your gear thrice, and let your loved ones know where you'll be going and when you will be back (along with when they should call help if no word is received).

Have fun but BE SAFE!!!

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"It's hard to be unhappy when you have warm feet." -- Dave Rose

Date: Mon, 19 Jan 1998 19:15:52 -0500
From: "N4ELM" <n4elm@ipass.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [1416] Re: MFJ 9020 for sale
Message-ID: <199801200122.UAA03812@earth.ipass.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

> From: Mike W. Burger <mike@krypton.nmr.Hawaii.Edu>
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Subject: MFJ 9020 for sale
> Date: Monday, January 19, 1998 7:25 AM
>
>
> I have an MFJ 9020 like new condition for sale. It has the keyer and
> the audio filter. The filter is very good! Problem is that I have
> a TenTec and I am spoiled rotten!!!! I cannot abide the QSK on the
> MFJ unit in spite of attempts to retune it. It is a fine little receiver
> and I have used it on a dipole to make several contacts so it works just
> fine, but Ten Tec type QSK like on the ARGO 556 ruins one for life. OR
> at least it did me.
>
That's because the MFJ-9020 is Semi-Breakin not QSK. You can adjust it to
key very fast but it won't be QSK.
Ten-Tec type QSK is easy to appreciate and hard to find (outside of
Ten-Tec).

73 - Dave, N4ELM.

Date: Tue, 20 Jan 1998 13:27:05 +0000
From: pmk@juno.com (Patrick M Kvitkauskas)
To: qrp-1@Lehigh.EDU
Subject: [1417] Foxhunt doomed ???
Message-ID: <19980120.132834.11222.3.pmk@juno.com>

I have never heard such a mess as this year. I got only 1 Fox this year and believe that will be enough to get a certificate. I can usually here the commotion but hardly ever the FOX

I sit here and listen and every now and then I here CQ FOX DE and before the FOX can get his call out everyone is calling him several times. Then after the FOX gets back and sends a BK everyone starts sending there call again hummmm. Never have heard a K yet.

If we don't get some kind of organization going it will sure be doomed. This is not field day where it seems like anything goes.

If you don't here him call CQ FOX or QRZ don't try to call.

Hope we still have the FOX hunt for the years to come and hope many catch him.

72/73 de Patrick KD4OBQ

AR

Date: Mon, 19 Jan 1998 20:28:25 -0500
From: Hank Kohl K8DD <k8dd@contesting.com>
To: qrp-1@Lehigh.EDU
Subject: [1418] **** Dayton Rooms ****
Message-ID: <3.0.1.32.19980119202825.00789800@192.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

January 20, 1998 0114 UTC (January 19, 1998 2014 EST)

The list:

WB0GAZ	1
KI6DS	2
W1HUE/7	3
JR3QOV	4

KD8MK	5
KF4TRD	6
KA0GKC	7
n2jgu	8
WB9FLW	9
W2MY & W2MBY	10
ki7mn	11
N8AYY	12
N7RI	13
VE3JC	14

The statement:

I have received your request regarding room availability of rooms in the QRP-ARCI block at Days Inn South for the Dayton Hamvention 1998.

On the list that I am keeping you are number ##.

However.....

We (QRP-ARCI) have had no communication from:

Callsign: N8DHT

Callsign: WA8FNM

Name: MYRON R KOYLE

Addr1: 1101 MILES AVE SW

Addr2: CANTON OH 44710

Country: USA

who took a list at the QRP-ARCI suite last year at Dayton, and in the past has handled the block of rooms.

So, at this time, I have to say that although there may be some rooms available in the QRP-ARCI block of rooms, we have no knowledge of how many.

You are on the list and I will send you an e-mail if and when it becomes known to QRP-ARCI from the above named that rooms are available.

You may try to contact Mr. Koyle directly.

I wish I had better news.

73 Hank K8DD

We (QRP-ARCI) are continually, attempting contact with Mr. Koyle with no results. This is a very unfortunate situation, but when there is no answer, there is little we can do. If and when we get his list, the list that I am keeping will be integrated with his list and the results published here.

If you filled out one of the sheets at the QRP-ARCI suite last at Dayton 1997, AND put it back in the box that was provided, you most likely have a room and at some point should be contacted by Mr. Koyle. If you filled out one of the sheets at the suite last year and took it home - he does not have it and you most likely do not have a room!

I will keep QRP-L informed on any progress that we make in this situation. It may come down to the wire, but we hope to have the the Days Inn Dayton South situation solved before Dayton.

73 Hank K8DD

*/ Hank Kohl K8DD k8dd@contesting.com
*/ ARRL TS (k8dd@tir.com)
*/ MI-QRP - Vice Pres. QRP-ARCI - Director
*/ G-QRP ARRL/LM QCWA/LM QCAO/LM

Date: Mon, 19 Jan 1998 18:59:08 -0700 (MST)
From: ki7mn@dancris.com
To: pmk@juno.com
Cc: qrp-l@Lehigh.EDU
Subject: [1419] Re: Foxhunt doomed ???
Message-ID: <199801200159.SAA27329@user2.dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 01:27 PM 1/20/98 +0000, you wrote:

>If you don't here him call CQ FOX or QRZ don't try to call.
>
>Hope we still have the FOX hunt for the years to come and hope many
>catch him.
>

Exactly! But the way it's going, there may not be many foxes to hunt...never heard so many people send their call so many times, after hearing so little (obvious, since they send right in the middle of the exchange).

72,73

Bob KI7MN Norcal 1228, QRP-L 271, ARCI 8918, CQC 274, AKQRP 30

<http://www.dancris.com/~ki7mn>

Date: Mon, 19 Jan 1998 19:08:59 -0700

From: "Steve Hurst" <shurst@magiclink.com>

To: <bmug@gwl.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [1420] Re: CQC Banquet Change of Location

Message-ID: <199801200210.VAA34406@nss4.cc.Lehigh.EDU>

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

> -----

Drats, I gotta work the 34th !!! But I'm free on the 36th of Jan.

: -)

Boy these months are getting longer.....

I gotta get my watch fixed !!!

73,

Steve Hurst

KA7NOC (southern Idaho)

<http://www.magiclink.com/web/shurst>

shurst@magiclink.com

> Subject: CQC Banquet Change of Location

>

> The Banquet will be on Saturday, January 34th,

>

> 73

> Marshall Emm

> N1FN/VK5FN

> n1fn@mtechnologies.com

> Milestone Technologies

> Software, kits, tools...

> <http://www.mtechnologies.com>

> (303)752-3382

> --

>

>

>

Date: Mon, 19 Jan 1998 21:19:28 -0500
From: "Ron Polityka" <wb3aal@talon.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [1421] EPA QRP Club
Message-ID: <01bd2549\$d5e2e8e0\$745445c6@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sorry about this, I lost another message thru my error.

Who wanted information about the EPA QRP Club for the next QRP ARCI? Please drop me an e-mail.

Thanks,
73, Good DXing & QRPing
Ron de WB3AAL

E-mail: wb3aal@talon.net
BBS: WB3AAL @ WB3FYL.#BER.PA.USA.NA

EPA QRP # 1 QRP # 5318 10-10 # 13173
QRP-L # 1099 G-QRP # 3031 AK QRP # 309

Date: Mon, 19 Jan 1998 21:21:58 -0500 (EST)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: QRP-L List <qrp-l@Lehigh.EDU>
Subject: [1422] Archives update
Message-ID: <Pine.SOL.3.94.980119212051.20514C-100000@moe>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Some notes on changes in subscription rates and addresses reminded me to update the periodicals list in the archives. Unfortunately, the list is no longer able to carry Radio Crafter or Ham Brew, two magazines I was indeed sorry to see end their services. I have also dropped the newsletter category, since over the last year, many new clubs have arisen, and I do not have reliable information on club newsletters or their distribution. I am also sad to see the demise of 72, the New England QRP Club newsletter, which had much useful information for QRP operators everywhere.

To obtain the periodicals list, use the GET command to `LISTSERV@LEHIGH.EDU`
`GET QRP-L/BOOKS PERIODICALS.LIST`

There are also electronics and antenna book lists in the same subdirectory. Please use the `INDEX QRP-L -ALL` command to the list server address every couple of months to refresh yourself on what is available in the archives. A cornucopia of great info for QRPers.

-73-

LB, W4RNL

Date: Mon, 19 Jan 1998 21:03:20 -0600
From: `wmcshan@REX.RE.ouhsc.edu` (Mike McShan)
To: `qrp-l@Lehigh.EDU`
Subject: [1423] N5JKY/AE
Message-ID: `<v01540b00b0e9c11d0bbb@[207.193.33.168]>`
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Well, much to my amazement, I passed the Extra test. Thanks to all who sent their best wishes.

By the way, a word of advice to all of you folks thinking of upgrading. You bought all of those ARRL and W5YI code tapes for practice, right? Thinking that the QSOs on the tape would be representative of the actual test, right? Ha, ha, ha, ha ... it ain't necessarily so! The code test was not at all what I expected, but I did manage to copy it anyhow. Great cardiac exercise. Be ready for anything!

72/73 to all,

Mike N5JKY/AE
Edmond, OK

Date: Mon, 19 Jan 1998 22:21:25 -0500
From: Joseph Everhart <n2cx@voicenet.com>
To: qrp-1@Lehigh.EDU
Subject: [1424] NE-QRP Winter Meeting March 15th
Message-ID: <199801200321.WAA38396@nss4.cc.Lehigh.EDU>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang, it's that time again.

The west coast has their California Burger meetings and the Texas gang has their get-togethers at Chuck's employers.

But we on the east coast have a great yearly opportunity to meet with all of the important right coast qrp glitterati at the annual NEQRP meeting at ARRL HQ! If you are within driving distance, this is one event you don't want to miss! I don't and it's a four to five hour drive!

Here's the poop right from the horse's mouth:

>Return-Path: <k1lgq@dennis.mv.com>
>Delivered-To: n2cx@voicenet.com
>From: "Dennis Marandos - K1LGQ" <k1lgq@dennis.mv.com>
>To: "Joseph Everhart" <n2cx@voicenet.com>
>Subject: NE-QRP Winter Meeting March 15th
>Date: Mon, 19 Jan 1998 21:55:57 -0500
>X-MSMail-Priority: Normal
>X-MimeOLE: Produced By Microsoft MimeOLE V4.71.1712.3
>
>Pass this word to as many people as you can for this is going to be a fun
>time!
>Pass the word that March 15th (Sunday) at 9:30 AM we'll meet at the ARRL
>building in Newington, CT. Bring your own coffee pots and doughnuts, for
>we're a pretty hungry group at that time. Paper Cups is in order too.
>Bring your homebrew projects. This is a must, even if we have seen them
>before. Also, your homemade keyers, bugs, xcvr's, DC receivers, antenna
>tuners, new rigs, favorite QSLs, antennas, and a lot of pictures!
>Also, we will revive the New England QRP club with new volunteers, projects
>and games. Come prepared and bring your favorite pen to take a lot of

>notes! See you there.
>Dennis Marandos - K1LGQ
>NE QRP # 151
>Nashua, NH
>
>
>
>
72/73,

Joe E., N2CX

>From South Jersey, y'all!

home: n2cx@voicenet.com
work: jeverhar@camden.lmco.com

Date: Mon, 19 Jan 1998 19:24:09 -0800
From: wddavis@pacbell.net
To: listproc@Lehigh.EDU, qrp-1@Lehigh.EDU
Subject: [1425] (no subject)
Message-ID: <34C418D9.4B97@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

unsubscribe qrp-1

Date: Mon, 19 Jan 1998 22:38:54 EST
From: RangerSF5 <RangerSF5@aol.com>
To: qrp-L@Lehigh.EDU, listproc@Lehigh.EDU
Subject: [1426] x
Message-ID: <72caaafc.34c41c5c@aol.com>
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

I need help.
As of today,i'm a new member.I'm haveing problems getting additional
information.
I want a member number,the welcome.txt,list of subscribers,etc.

I think i'm useing the right commands.
They all bounced except 1 and that info was not available
I'm useing <lister@lehigh.EDU>
The instructions tell me to type the command in the body text and nothing in
the subject line, but if I needed something there, just type an "X"
Sure would like to get my member number
Can anyone help??
Am I doing something wrong??
Bob
WA2HOQ

Date: Mon, 19 Jan 1998 22:42:01 -0500
From: "Dean Marzocca" <n2tnn@ifu.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [1427] Fox again 1-21-98
Message-ID: <199801200343.WAA06063@ifu.ifu.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi all,

Looks like fox night again tomorrow night, Tuesday. I will be starting at
0100 which is 8PM out here on the east coast.

Rig Index Labs QRP+ onto a dipole (different than last week)

Lets see if I can work more stations than last try. Keep the calls short
and I can work more of you.

72/73 Dean N2TNN NJ
n2tnn@ifu.net

Date: Mon, 19 Jan 1998 22:53:09
From: Mark Kesner <marklori@visuallink.com>
To: qrp-l@Lehigh.EDU
Subject: [1428] Fox's
Message-ID: <3.0.3.16.19980119225309.338feda4@visuallink.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi,

I just started receiving this reflector and am very new to qrp. So I hope all of you will bear with me for a dumb question. What are these fox hunts? Sounds like fun, but I don't really understand what's going on.

As soon as I get all the bugs ironed out of my 38s, I will join the ranks of the homebrewers! I've built some stuff before but this is the first rig. (At least that has a chance of working) Hope to work some of you on it! Thanks for the GREAT reflector and source of info!

73

Mark
KC4GIA

Date: Mon, 19 Jan 1998 22:50:12 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:mail4gary@worldnet.att.net" <mail4gary@worldnet.att.net>, QRP-L Discussion Group <QRP-L@Lehigh.EDU>,
"Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [1429] *NO* Monday Nite FOX - W2UX
Message-ID: <199801192253_MC2-2FED-BAE@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Gary:

Well sorry I completely missed out on tonight's hunt :-(. Am on a business trip to Brainerd, MN--in the central part of the state. Have the Yaesu 900CAT along and several antennas installed and checked out.

Was all set to go tonight...and then my boss elected to hold an extended evening session. NUTS!! It was a good meeting--but no FOX hunt here.

Hope you and the gang had a good time. Hope to be back for the next hunt. Good luck and thanks for serving as our FOX tonight!

72/73,

--Doc/K0EVZ qrp-l 861 norcal 2050 cqz 414 ARS 311 FISTS 3868 mn-qrp 19
nj-qrp 69 ak/qrp 139 AR QRP 73 HI-QRP 30 ARCI 9398 ARRL
QRP WAS 44/42 DXCC 73/44 Grid EN34 <>< A 1997/98 FOX.

Omni V Corsair I Yaesu 900AT Wilderness Sierra SW-40 49er
Mercury Paddles Emtech ZM-1 MFJ 259 MFJ 941D Matchbox GAP Titan
TNT/2 Windom SLV/W6MMA G5RV Timewave 599zx Autek QF-1 RS DSP-40

"Things should be as simple as possible, but no simpler"--A. Einstein

Date: Mon, 19 Jan 1998 22:03:35 -0600
From: Glen Reid <k5hgb@flash.net>
To: QRP-1 List <qrp-1@Lehigh.EDU>
Subject: [1430] Swap in Georgetown, TEXAS
Message-ID: <34C42217.428DB1DA@flash.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have not seen this mentioned on the list yet. If I missed it, I apologize for the repeat.

The next local swapmeet will be held Sunday, Feb 1 in Georgetown at San Gabriel park.

Free admission, opens to the public at 10:00 A.M. with talk in assistance
on 146.64

Sellers may set up starting at 7:30 A.M. **CITY DOES NOT ALLOW TAILGATING**

\$6.00 - no electricity / \$8.00 - with electricity

Lunch/Snack Concession Available Raffle good stuff, as always!

To reserve a table contact:

Dave Hassell toll free 1-800-232-6656 or email ab5wx@aol.com

Jeff Schmidt 512-255-6753 email n5mnw@aol.com

---Directions---

Take exit 262 from IH-35. Turn right (east) at light. Turn left at the T-Intersection, go two blocks, turn right onto Stadium Drive. Go left at the first stop sign. The community center is on the left past the show barn.

gr

--

GLEN REID

K5HGB/M(Zero)BGF

Austin, Texas

...in the beautiful hill country of TEXAS...

Austin QRP Club # Pi

Email: k5hgb@flash.net

Date: Tue, 20 Jan 1998 04:22:59 +0000
From: Peter Larsen <larsenp@cadvision.com>
To: dannyayers@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [1431] Re: Antenna Question: Better Bazooka?
Message-ID: <34C426A2.CDBC6993@cadvision.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi:

As ever if you lower the "Q" of an antenna
you will increase the band width.
If you lower it enough you will have a DLA.
(dummy load antenna.)

73 de VE6NA0

Date: Mon, 19 Jan 1998 23:25:02 -0500
From: "Craig Lund" <clund@bestweb.net>
To: <qrp-1@Lehigh.EDU>
Subject: [1432] WTB Straight Key
Message-ID: <199801200433.XAA23389@miro.bestweb.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hello, All:

I am looking for a straight key to add to my shack. Any Bencher or other
name brand quality key would be considered.

If you have one laying around collecting dust and are asking a reasonable
and fair price, please Email me with condition, make and price

Thank you,

73s

Craig

clund@bestweb.net

Date: Mon, 19 Jan 1998 23:30:07 -0500
From: "Craig Lund" <clund@bestweb.net>
To: <qrp-1@Lehigh.EDU>
Subject: [1433] Heathkit Green Paint
Message-ID: <199801200438.XAA23841@miro.bestweb.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hello, All:

Does anyone remember seeing an advertisement about a company that sells the paint to match the HW-101 rig. Or Heath Green?

I would like to re-paint a cabinet that has seen better days.

If so please Email me the address.

Thank you,

Craig

clund@bestweb.net

Date: Mon, 19 Jan 1998 23:30:22 EST
From: RangerSF5 <RangerSF5@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [1434] x
Message-ID: <7d020616.34c42860@aol.com>
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

I want to thank all who responded. However, the system keeps telling me to use<listproc>

The last letter that bounced informed me that all other request will be ignored.

So far, no reply from lister@lehigh.EDU

Bob

WA2HOQ

Bordentown, N.J.

Date: Mon, 19 Jan 1998 23:48:57 -0500 (EST)
From: Scott Bauer <ke3nv@erols.com>
To: qrp-l@Lehigh.EDU
Subject: [1435] 38 Special f/s or trade
Message-ID: <199801200448.XAA01514@smtp1.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello,

Im selling my 38 special for 28.00 shipped anywhere in the lower 48 states..

It is in working order with the TiCK keyer, mounted in a not so attractive enclosure that has had several other projects in it before, so there are extra holes. It gives 500mW on a good day to a good match. No hi power mod has been done. The top of the board is dusty and the bottom very fluxy. I took the RIT mod back out so there is a repair to the cut trace.

I will consider trading for any military straight key but the j-38.

Will throw in the RS hi power final.

If interested, please reply directly to me.

Thanks, Scott w3cv email ke3nv@erols.com

Date: Tue, 20 Jan 1998 04:41:36 -5
From: "Bill Kelsey - N8ET - Kanga US" <kanga@mail.bright.net>
To: qrp-l@Lehigh.EDU, gqrp-l@blacksheep.org
Subject: [1436] SPRAT Reprint, ARRL Bulk Order Update
Message-ID: <199801200442.XAA22440@sparticus.bright.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7BIT

Everything arrived from ARRL and the printers last Thursday. Friday evening I began the sort/pack/produce invoice/etc routine. I have been at it constantly since then while I am not either at my "real job" or sleeping, and I am about 80% complete. I may get some of the packages run to UPS and the Post Office tomorrow - it is going to take more than one trip in my van to get it all there! It should all be on the way by the weekend - I will post again when the last package goes out the door and the family can again use the living room and hallway and I can get back into my shack!

Mni Tnx to all of you who ordered!

73 - Bill - N8ET
Kanga US
kanga@mail.bright.net
<http://www.bright.net/~kanga/>
419-423-4604

Date: Mon, 19 Jan 1998 23:49:01 EST
From: RangerSF5 <RangerSF5@aol.com>
To: qrp-l@Lehigh.EDU
Subject: [1437] x
Message-ID: <280a7527.34c42cc2@aol.com>
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hey Guys,
Thanks for all the help but so far no reply from a real person from 1 address that was on the list.
Also I tried everything for a member number
No luck.
Well I guess i'm a numberless member
Thanks again.
Going back to the soldering iron. Want that OAK HILLS pulling in DX this weekend
73's
Bob
WA2HOQ
Bordentown, N.J.

Date: Mon, 19 Jan 1998 22:01:50 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-1@Lehigh.EDU
Subject: [1438] FYBO: QST Screws Up Big Time
Message-ID: <199801200501.WAA15422@usr09.primenet.com>

Howdy Folks,

Argh! ARGH!!! My Feb QST just arrived and I have NO idea where they came up with the FYBO info listed in the Contest Corral! OK, they DID get the dates, times and the exchange right, thank goodness. But the rest of it came from the Twilight Zone.

Let's compare, shall we? I saved a copy of the **exact** email I sent to the contest folks.

Mine: "For more info, email vole@primenet.com or visit <www.dancris.com/~ki7mn>."

Theirs: "See complete FYBO rules on the Web at <http://www.primenet.com/~vole/>."

(Where in God's Green Earth did they come up with that?!?)

Mine: Terse scoring info, edited specifically for Contest Corral.

Theirs: Nothing, but **lots** of blank space on page 95. Lots of irrelevant info from **last** year, though.

Etc etc etc.

Apologies for the rant, and yes I did email the QST contest folks and (tactfully) asked for an explanation. But still.... You work hard to do the right thing and this is what you get? **sigh**

Other contest managers out there - has QST done this to you too?

Was a rough day at the office, and then I opened up QST to relax and found this ... **sigh** ... Deep, cleansing breath ... Mental Margarita ... with one of those tiny bamboo umbrellas in it ...

Maybe I should've stayed up in the snowy mountains and

moved the family up there with me.... :-)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"It's hard to be unhappy when your feet are warm." -- Dave Rose

Date: Mon, 19 Jan 1998 23:13:46 -0600
From: "Roger Whitaker [K9LJB]" <k9lj@iname.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [1439] Re: Heathkit Green Paint
Message-ID: <34C43289.5C0A00C4@iname.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Try <http://www.accesscom.net/~kk5hy/r&r.html> Looks like lotsa goodies including all kinds of paint.

While we are talking about Heathkits... segway... Does anybody have a DX-40 schematic they could scan, copy or somehow get to me. Willing to pay reasonable costs.

Thanks, Good Luck & 72

--
Roger B. Whitaker K9LJB QRP-1 #1403 TS-130V, FT-7, MFJ-9020,
MFJ-9030, 75A-2, DX-40, HQ-129X.

Remember it's nice to be important,
but it's more important to be nice.

Home page: <http://www.cityscape.net/~whitaker/>

Date: Tue, 20 Jan 1998 00:41:03
From: "Gary M. - W2UX" <mail4gary@worldnet.att.net>
To: qrp-1@Lehigh.EDU
Subject: [1440] W2UX FOX Log & Comments - 1/20/98
Message-ID: <3.0.3.16.19980120004103.3c4f4392@postoffice.worldnet.att.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Well here it is guys. Sorry that I could not work everyone. There were just too many calling on top of one another and it was difficult to pick out callsigns. I am serious guys...what a mess. But it still was fun. I will be waiting for all the corrections (hope there are not too many).

Propagation was real strange. Worked stations from CA to my home state of SC, PA to FL and everywhere in between (no one in New England states though). I think there was some intentional QRM in there but I worked through it. Last 45 minutes got tough. QRM and QRN got bad and condx started to fall out.

Station setup here is a TenTec ARGO 556 (set to 4 watts) with an LDG tuner to a G5RV fed with about 100 feet of underground coax. Pine trees holding the antenna give it a northeast to southwest pattern.

Worked 59 stations in 26 states and ON in Canada.

0100 UTC START

W5FN 569	TX	TIM	586
N4ROA	579	VA	DAN 970
N5YUC	559	AL	JACK 1345
K8CV 579	MI	WALT	935
N4PK 569	GA	ED	1307
W0CH 569	MO	DAVE	618
K5ZTY	579	TX	BILL 473
KA8OKH	559	KY	RICH 933
WD4MSM	569	IN	BARRY 642
WB9HFK	559	IL	MARK 1159
N9DD 569	IN	TOM	32
W6ZH 559	CA	PETE	257
N7IR 569	AZ	GARY	1330
N9KW 559	IL	JOHN	1257
NQ7X 559	AZ	FLOYD	343
NU8Z 559	MI	MARK	1431
NA3V 559	PA	JIM	1317
W5SB 569	TX	BILL	1279
WD5COV	579	CO	DAVE 5W
K4PYM	559	SC	GEORGE 1297
K5ID 569	AR	KEN	652
N6MM 559	CA	HARVEY	318
VE3ELA	559	ON	KEN 1226
K1MG 559	CA	MIKE	614
K8FF 589	OH	WAYNE	1360
K5VUU	569	TX	ED 1343

KQ5U 559 TX TERRY 5W
 K50I 569 NM TOM 73
 WV3J 559 VA PAUL 1224
 N1TP 559 FL TOM 1317
 WD3P 559 MD LARRY 1039
 AE9K 559 WI BRIAN 58
 AB7TK 559 ID RANDY 102
 N8CW 559 OH BOB 4W ?
 WB4EXW 559 NC WATSON 5W

0206 UTC

K10J 559 TX OJ 732
 K5UP 559 OK GLEN 21
 K5JHP 559 TX BILL 825
 W8KC 559 MI PAUL 59
 N5LU 559 OK BILL 5W
 W5HNS 559 TX HENRY 178
 N4XDW 559 AL JAY 1372
 WB0T 559 IA JERRY 1268
 W0RW 559 CO PAUL 2W
 AB5UA 559 OK CLIF 478
 N3XRV 559 MD CHRIS 655
 AA5TA 559 TX LARRY 155
 KS4HQ 569 NC BOB 801
 KU7Y 559 NV RON 17
 N5JI 559 TX DICK 1054
 KD4OBQ 589 FL PAT 1009
 K5GQ 559 TX MARK 794
 N6XU 559 CA STAN 66
 KA5T 449 TX LARRY 89
 WA5SAJ 559 TX LARRY 1409
 K06KA 449 CA` ROB 176'
 W8RU 559 MI RON 188
 W4YNG 559 AL HAL 5W
 AC5JH 449 LA TOM 1319

0300 UTC END

=====
 72/73 de W2UX
 Gary McCaughey
 Lexington, SC
 CW is the REAL THING!
 Use it....or lose it.
 QRP-ARCI QRP-L CQC
 =====

Date: Tue, 20 Jan 1998 00:53:27 EST
From: Jerrydeen <Jerrydeen@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [1441] Fox Tues.
Message-ID: <a0afb4a9.34c43bd9@aol.com>
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi Gary-

Great to work you tonight! Some qsb, but great fun. I looked in log and also worked you in Nov (18?) I believe. You did a great job! Congratulations. Sounds like you had a lot of contacts.

72 Jerry WB0T

Date: Tue, 20 Jan 1998 01:02:19 EST
From: Jerrydeen <Jerrydeen@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [1442] N/T log 1/19
Message-ID: <9a83b687.34c43ded@aol.com>
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi again Dan-

Again congrats on a fine job. You were doing a great job.

Mabel's call is N0EUM, and your rst 559 from her. This is only for your records. I am just as pleased as I can be, for Mabel is my XYL, and somewhat key shy! I was extremely pleased to see her get a fox contact, even if it was partial. And you were the man that made it happen! Thank you.

72 Jerry WB0T

Date: Tue, 20 Jan 1998 01:17:05 -0500 (EST)
From: Scott Bauer <ke3nv@erols.com>
To: qrp-1@Lehigh.EDU

Subject: [1443] 38 special sold
Message-ID: <199801200617.BAA14124@smtp2.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Thanks to QRP-L, I have sold the 38 special that was offered tonight, Thanks.

Scott w3cv
72&73 de Scott Bauer W3CV, Odenton, MD. grid FM19. Formerly KE3NV
Founder and trustee of W3DV, Woodwardville ARC, "the WARC"
A local club for the QRP enthusiast

visit my web page at <http://www.erols.com/ke3nv/>
G-QRP 8773 QRP-L 728
NORCAL 1094 DL-QRP-AG *GM*
CQC 352 QRP ARCI-8804
scQRPion 38 AR-QRP 27
 WARC QRP Club
 CW OPERATORS QRP CLUB 484, FISTS, ARRL

Date: Mon, 19 Jan 1998 21:35:44 -0800
From: Robert Bayha <rbayha@ix.netcom.com>
To: qrp-l@Lehigh.EDU
Subject: [1444] QRP Quarterly
Message-ID: <34C437B0.E95D395@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

QRP Quarterly arrived here in San Francisco Bay Area this weekend and even though it's been said before: WOW, am I impressed. You hereby have my permission to increase my membership fees to keep this quality!! What an incredible amount of work went into this issue. I'm still a novice and learning, but maybe someday I'll be able to be a contributor rather than being in the learning mode. I thank all of the contributors -- you sure are helping this guy!!! P.S. Paul Harden deserves a RAISE! I love articles like that!

--
Bob Bayha, K6RKB
QRP-ARCI #9505, CQC #488
G-QRP #9884, NorCal #2394

Date: Tue, 20 Jan 1998 02:07:15 EST
From: RangerSF5 <RangerSF5@aol.com>
To: qrp-l@Lehigh.EDU
Subject: [1445] X
Message-ID: <d097aad6.34c44d25@aol.com>
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Mike, WB9IOG,
Thanks a million for all the help
Bob
WA2HOQ # 1437
73's

Date: Mon, 19 Jan 1998 23:07:03 -0800
From: W7LS <w7ls@blarg.net>
To: k9ljb@iname.com
Cc: qrp-l@Lehigh.EDU
Subject: [1446] Re: Heathkit Green Paint
Message-ID: <34C44D17.2C9A@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

A friend of mine used to just go to the hardware store and get a computer match for any, and I mean ANY, rig paint. Works for him.
73 de Jim, W7LS

Roger Whitaker [K9LJB] wrote:

>
> Try <http://www.accesscom.net/~kk5hy/r&r.html> Looks like lotsa goodies
> including all kinds of paint.
>
> While we are talking about Heathkits... segway... Does anybody have a
> DX-40 schematic they could scan, copy or somehow get to me. Willing to
> pay reasonable costs.
>
> Thanks, Good Luck & 72
>
> --
> Roger B. Whitaker K9LJB QRP-1 #1403 TS-130V, FT-7, MFJ-9020,
> MFJ-9030, 75A-2, DX-40, HQ-129X.
>

> Remember it's nice to be important,
> but it's more important to be nice.
>
> Home page: <http://www.cityscape.net/~whitaker/>

Date: Tue, 20 Jan 1998 02:13:16 EST
From: n7mfb@juno.com (Bill Todd)
To: vole@primenet.com
Cc: qrp-l@Lehigh.EDU
Subject: [1447] Re: FYB0: QST Screws Up Big Time
Message-ID: <19980119.231217.11943.0.n7mfb@juno.com>

Hi Joe -

I know you tried to do the right thing, so don't be overly concerned about the QST screw-up.

Thank goodness we have the QRP-L, and the other QRP publications which have the correct data.

I am sure that there is less than 5% of all the QRPers "out there" who;

1. Don't receive the QRP-L, or
2. Don't subscribe to at least ONE QRP publication, or
3. Don't have access the WWW where they will find at least ONE QRP-related Web Page

Where do I get the 5%? Heck, I don't have a clue. But even if it is 7%, it is nothing to worry about (ha).

CUL, Bill-N7MFB

Date: Tue, 20 Jan 1998 02:29:43 -0500 (EST)
From: Scott Bauer <ke3nv@erols.com>
To: qrp-l@Lehigh.EDU
Subject: [1448] 49er f/s or trade
Message-ID: <199801200729.CAA18567@smtp2.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

NorCal 49er for sale or trade. It works, but not the way its supposed to. Pulled C6, the trimmer and never

messed with it after that. Probably had it in backwards.
I would like to trade for an old military straight key
or sell it for 28.00 shipped in the U.S.
Will throw in a Altiods tin or two if you want them.

72, Scott w3cv

Date: Tue, 20 Jan 1998 02:50:40 EST
From: ROYGREGSON <ROYGREGSON@aol.com>
To: qrp-l@Lehigh.EDU
Subject: [1449] ZM-2 update !
Message-ID: <14d84389.34c45752@aol.com>
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Here is some feedback from Dean KH6B on the ZM-2 assy.
**The drilling template has errors for the 3 switch holes. They should all be .250 or the "3" size.
**The mounting screws for the variable caps "bottom out". I checked several and found that about 1/3rd indeed do bottom out, or get very tight. Dean used some small flat washers against the panel to allow the screws to tighten. On further checking, I found that the small screws supplied were 3mm, and should have been 2.5mm. I now have 2.5mm pan heads and a small metric washer, much better now. If anyone has a problem with the screws, let me know and I'll send some replacements. Please send your snail mail address along too!

Several have told me that they just align the decal with a back light on the panel, and spray it with clear laquer or equivalent, then punch the hole centers and carefully drill.
I'll have to try it !

Dean says he tuned up his Pixie on 80 meters and it went so fast that he thought something was wrong !

72's/73's Roy

Date: Mon, 19 Jan 1998 23:21:40 +0000
From: R00 <R00@kanga.demon.co.uk>
To: ku7y@sage.dri.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [1450] Re: Tuna Tin 2 PCB Layout Available

Message-ID: <7Pu3lVAEA+w0Ew0C@kanga.demon.co.uk>
MIME-Version: 1.0

In message <34C3B0FC.4BE4@sage.dri.edu>, Monte Stark <ku7y@sage.dri.edu>
writes
>Hi All,
>
>Let me add that the QRP ARCI will be sponsoring a contest using this
>equipment!
>
>The Name of the contest and full details are still being worked out, but
>it will be a fun event and a nice way to always remember a real mover in
>Amateur Radio!
>
>Are we having fun yet??? :-)

Ohhhhhh yesssss, WE ARE in fun mode.
 ^^^

TTFN de ..
--

Dick Pascoe G0BPS
Kanga Products
Seaview House, Crete Road East.
Folkestone Kent CT18 7EG.
Tel / Fax (44) (0) 1303 891106

<http://www.kanga.demon.co.uk>

Date: Mon, 19 Jan 1998 20:05:56 -0500
From: Paul Helbert <phelbert@rica.net>
To: vole@primenet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [1451] Re: FYB0: QST Screws Up Big Time
Message-ID: <34C3F874.BC5D723@rica.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Joe,

If you're bragging that your QST came before mine, it worked. I'm
envious.

73,

Paul, Wv3j

Date: Tue, 20 Jan 1998 08:46:28 -0500
From: Michael Maiorana <mikemo@ibm.net>
To: phelbert@rica.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [1452] Re: FYB0: QST Screws Up Big Time
Message-ID: <34C4AAB4.6A11@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Paul Helbert wrote:

>
> Joe,
>
> If you're bragging that your QST came before mine, it worked. I'm
> envious.

In case anyone is curious, the QST is printed and mailed from Kentucky.
Learned this when I got a tour of the ARRL HQ.

72 de kf4trd

Mike Maiorana

--

"At home, drawing pictures of mountaintops....With him on top, a lemon
yellow sun. Arms raised in a V, the dead lay in pools of maroon below."

Date: Tue, 20 Jan 98 09:15:09 -0500
From: cjl@mail09.mitre.org (Charles J. Ludinsky)
To: qrp-l@Lehigh.EDU (qrp-l@lehigh.edu)
Subject: [1453] Unknown Mode/Noise
Message-ID: <980120091507.28826@mail09.mitre.org.0>

During the last week or so, the frequencies from about 3.684 to 3.688 have been unusable here at times, with an S9+10 signal that sounds like a spread spectrum mode. It is certainly not RTTY or any "normal" data mode, sounding more or less like background noise, except for a slight regularity that makes it identifiable as a modulated signal.

Anyone have any idea what this might be? Has anyone else noticed this, or is it strictly a local problem?

72 DE Chuck, K1CL

Date: Tue, 20 Jan 1998 08:24:37 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Low Power Group <qrp-l@Lehigh.EDU>
Subject: [1454] W2UX
Message-ID: <Pine.SOL.3.91.980120075940.22422A-100000@GPFN1.GPFN.SK.CA>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

....wooooooeeeeee!...I am tired, wet and hungreee!...what a hunt!...there was Gary, right on time but only rst 119 + qsb...what a hoard of hunters...I don't think I've heard such a hoard in the hunt...HI HI...it had everything...his signal up & down, down & up, CQs on top of him,CQs to right him, CQs to the left of him, complete qsos by non-hunters, jammers, mis-timed calls(yeah, guilty your Honor), the fox moves a tad AS he's transmitting, yahooo!, follow him, he's in, he's out while he's sending single letters, rst still 119, he's so slippery he must have greased his pelt prior to the hunt!...there's so much fox grease that whoever catches a pelt is going to have to NAIL it to the wall otherwise it'll slip to the floor...HAR!...oh no, time's about up...wait a minute, he's getting stronger with 1 minute to go!!!...yahooooo!...ride 'im hunter!...blamm....blamm!...blamm?...poof?...he's gone!...it's over.....well, time to get the 'ol banjo out and make like Hee Haw.....
.....plunk, plunk, plunkety, plunk, plunk, plunkety....que the quivering hunter voice.....

```
....."gloom, despair and agony on me"...
....."I heard the fox tonight but he didn't hear me!"...
....."if it werent fer bad luck, I'd have no luck at all"...
....."please little fox, just give me a call!"....
```

[illegible]

...72 - the Scribe

Date: Tue, 20 Jan 1998 09:27:40 -0500
From: "Michael, Dana A" <damichael@amp.com>
To: "'qrp-1@lehigh.edu'" <qrp-1@Lehigh.EDU>
Subject: [1455] FOR SALE: HW-8 + HWA-7-1 and Palomar Wattmeter
Message-ID: <199801201430.JAA05556@nss4.cc.Lehigh.EDU>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

FOR SALE:

HEATHKIT HW-8 and HWA-7-1 power supply \$150

Very good condition, a few scratches. no mods, no holes
,well built ,
includes manual.

PALOMAR M827 Bargraph Peak Reading SWR/ WATTMETER \$100

Has 20/200/2000 watt ranges, in very good condition.

Interested?

Call 1-717-810-2891 from 6:30 AM till 3:00 PM EST or 1-717-896-3973 from
5:00 PM till 10:00 PM EST or e-mail.

Thanks es 73, D. A. MIKE Michael W3TS

Date: Tue, 20 Jan 1998 07:36:22 -0600
From: ab5uacw@juno.com (Clifton W Sikes)
To: qrp-1@Lehigh.EDU
Subject: [1456] N5JKY/AE.....Wahoooooooo!
Message-ID: <19980120.073624.6646.2.ab5uacw@juno.com>

Way to go Mike! One of the OKC breakfast club did something right. We are
all very proud of/for you!

72,

Clif

Date: Tue, 20 Jan 1998 08:59:22 -0500
From: Dave Redfearn <n4elm@ipass.net>
To: qrp-1@Lehigh.EDU
Subject: [1457] Use for cordless phone parts?
Message-ID: <34C4ADB9.6B9799E8@ipass.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I aquired a couple of cordless phones from a throw-away pile and decided to take them apart and see if there was anything useful inside. Since the handset and base talk to each other at around 40 Mhz, I figured there might be RF stuff in them.

Besides resistors, transistors, and caps that can be scrounged, I found:

crystals - 39.190, 39.290, 15.6**,4.000,10.240,36.230,16.6633
2 - 10.7 Mhz ceramic filters
2 - 455 Khz filters- look like Murata type- KT455E, KF455R
several 455 Khz and 10.7 transformer cans
several different values of NPO ceramic caps
2 - trimmer caps
2 - electret mikes
7805, 78m12 voltage regulators

It looks like these use FM receivers, the chips are:
MC3361BP, MC3362P, MC2833P
I'd like to know what the chips are.

Looks like there might be a good QRP project in these parts and the best part is that they were free.

73 - Dave, N4ELM.

Date: Tue, 20 Jan 1998 10:05:41 -0500
From: "Bob Kellogg" <ae4ic@nr.infi.net>
To: "qrpforum" <qrp-1@Lehigh.EDU>
Subject: [1458] KnightSMiTe Update
Message-ID: <199801201507.KAA12803@mailhost.infi.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Gang,

Well, the last couple of months has been quite a roller coaster ride for me with the Knightlites SMiTe project, now called simply the KnightSMiTe. And, I have to say, I have been smitten!

In early December the project was announced, and at that time we really thought we had a shot at producing it before for Christmas. (we promised "after the first of the year") We wanted to keep the price at \$10 or less, and it looked like we could. The circuit was frozen and all we had to do was finalize the board design.

We started getting advance orders, and let me tell you, the order list looks like the "Who's Who" of QRP-L! Some ordered as many as 5 KnightSMiTes.

Board design was finished and we looked one more time at costs to find that we were pretty tight with our estimate, so we needed to go with some slightly larger (and cheaper) parts. Board redesign. Then we got another very generous donation of parts. Of course, they were sized differently in some cases. Now our cost situation is OK, but, -- Board redesign. Christmas vacations came and went.

But, I'm very pleased to say the boards are ordered and should be delivered within two weeks. All other parts are here and we're putting kits together. Hopefully, the kits will be completed before the boards arrive so shipping will start immediately. The first batch of 100 is completely sold, however we will be starting a second batch immediately.

In the meantime, we have a couple of kits being built by fellows not associated with the project, just to check our work. (we had routed boards made for this purpose) So, we will get feedback from them and enclose their suggested changes in the kit with the boards. The kit has been field tested. I used one in the recent Pixie/40-9er contest, and even participated in the first ever KnightSMiTe to KnightSMiTe contact!

For those unfamiliar with the KnightSMiTe project, it is a Surface Mount technology tranceiver kit. The board measures 1" X 1-3/4". The circuit is a much revised Pixie II, that is, a DC receiver and about 100 - 250mW output. It uses a 3.6864 MHz crystal. Our version has a Variable Crystal Oscillator and offset, so the received signal can be heard even when it zero beats the KnightSMiTe signal. Power is supplied by a 9V battery.

This kit consists of a board and the parts to go on the board. It doesn't include jacks for the Antenna, phones and key or an enclosure.

Instructions are minimal, but a unique system is used which makes assembly simple. Extra parts are included for practice soldering the SM chips.

The price is \$10 plus \$3 shipping in the U.S., \$5 for DX. Those who order more than one kit pay only one shipping fee. Make checks payable to Bob Kellogg.

Thanks for your patience and the tremendous support and response to this project.

CUL,
Bob Kellogg, AE4IC,
4708 Charlottesville Rd.
Greensboro, NC 27410
Probably, but not necessarily. -- Benny Hill

Date: Tue, 20 Jan 1998 07:26:44 -0800
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [1459] Re: Keyer wiring convention
Message-ID: <01bd25b7\$d04eccf0\$309f5ecf@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ed --

The world's convention is thumb = dit. Just take a look at any bug to see why it happened this way. Although some left-handed bugs with dits and dahs reversed were built, there are very few in existence.

Mike K1MG

Date: Tue, 20 Jan 1998 07:48:48 -0800
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: <larsenp@cadvision.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [1460] Re: Antenna Question: Better Bazooka?
Message-ID: <01bd25ba\$e58e87b0\$309f5ecf@double_trouble.reliablemeters.com>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Lowering the Q of an antenna by adding heat-producing resistance is one way to increase the bandwidth, but not all changes in Q are caused by heat-producing resistance. Radiation resistance has the same effect, and this is very good.

Actually, the bazooka broadens the bandwidth with a different mechanism. It is essentially a double-tuned antenna with two resonances at slightly different frequencies. The effect is the same as a double-tuned filter circuit, and it has the same double-humped response.

Mike K1MG

>As ever if you lower the "Q" of an antenna
>you will increase the band width.
>If you lower it enough you will have a DLA.
>(dummy load antenna.)
>
>73 de VE6NAO

Date: Tue, 20 Jan 1998 08:49:56 -0700 (MST)
From: Paul Harden <pharden@aoc.nrao.edu>
To: Dave Redfearn <n4elm@ipass.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [1461] Re: Use for cordless phone parts?
Message-ID: <Pine.SOL.3.91.980120084336.23519B-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 20 Jan 1998, Dave Redfearn wrote:
> I aquired a couple of cordless phones from a throw-away pile and decided
snip
> It looks like these use FM receivers, the chips are:
> MC3361BP, MC3362P, MC2833P
> I'd like to know what the chips are.

MC3361 - Low Power Narrowband FM IF system

Like a NE602 - has internal osc, mixer, IF amp, demod, etc.
MC3362 - Low Power Narrowband FM Receiver
Another NE602 thingie with 2 internal mixers, quadrature det.,
internal osc's, for dual conversion
MC2833 - Low Power FM Transmitter System
Contains the mic ampl, RF osc., VCO and two "auxillary
transistors" for up to +10dBm power output.

GL, Paul NA5N

Date: Tue, 20 Jan 1998 09:08:23 -0700
From: pete petry <cpetry@ccs.lmco.com>
To: qrp-1@Lehigh.EDU
Subject: [1462] FS: Autronics Paddle
Message-ID: <34C4CBF7.5874@ccs.lmco.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello--

I would like to buy your Autronics Paddle.

Thanks,

--

Pete Petry/WD4DHR
Lockheed-Martin
Command & Control Systems
9970 Federal Drive
Colorado Springs, CO 80921
719-594-1265 (v)
Email: cpetry@ccs.lmco.com

Date: Tue, 20 Jan 1998 11:31:56
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-1@Lehigh.EDU
Subject: [1463] Cold Wx Batteries
Message-ID: <3.0.3.16.19980120113156.26af4ad2@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Howdy all,

If you plan on operating FYBO, leave your gel-cells at home, as these will roll over and die in cold temps. A battery pack made up of Alkaline D cells will give you better cold Wx performance. Another trick is to make the battery pack so that you can snuggle up to them in your sleeping bag or place under your jacket to keep them warm.

If money is no object, lithium cells work very well in cold temps, with the added advantage you will need less of them and they have a good weight to size ratio.

NiCads would also be a good compromise between the Alkaline and lithium cells.

Maybe it's about time we design a rig that runs on 6 volts. A Rx that runs on 3 V would be even better.

72,

Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Tue, 20 Jan 1998 10:26:31 -0600
From: John Bohnert <johnb@elmhurst.edu>
To: wb0poq@visi.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [1464] Re: Receiver trouble shooting (LONG)
Message-ID: <34C4D036.38CCFFBE@elmhurst.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> Mike wrote:
> >The question is, how do I troubleshoot this circuit, without
> >"shotgunning" parts. I'd really like to understand what is wrong.

---SNIP---

Bob Liesenfeld wrote:

> Hi Mike,
>
> I have heard of this kit, but not seen it, so bear with me :-)

> I would first check all Vcc points for proper voltage. Next check all
> gnd paths (stuff doesn't work without power :-))
> Assuming that checks, we need to 'divide & conquer'. Inject a 1KHz
> tone from your generator at the top of the volume control.

---SNIP---

> Assuming all this checks out, I would recommend building a signal
> injector. This can be nothing more than a 555 timer ckt producing a > nice
100KHz square wave, which will be rich in harmonics to the point > where you can
use it as a go-nogo tester from input to output of each > RF stage.
> Another very powerful tool is if you can lay your hands on a properly
> functioning kit and make comparative measurements. I call this 'a
> stare and compare'
> If you want, you can e-mail or snail me a copy of the skez, and I
> could talk you through some more detailed steps.

I have re-read Bob's (WB0POQ) response to Mike half-a-dozen times. It is
clear that Mike is motivated to learn and Bob is willing to help...there
are many 'Bobs' in QRP and there are many 'Mikes' in QRP. It is also
clear that there are some difficulties in this exchange between Bob and
Mike.

What if there were a QRP kit (eg. Norcal 40) which would become the
"platform" for the construction of simple test equipment (kits?) with
the use of QRP-L for a "series" of lessons by helpful Elmer's in the
world of QRP? The sessions would support the successful completion of
the QRP rig and lead to a greater understanding of the how the rig
functions...and I would argue help provide a new vitality in amateur
radio...interest in QRP is booming and such a strategy would satisfy a
fundamental aspiration of many of us who pursued our tickets.

If successful the use of kits, other than rigs (eg. battery chargers,
solar chargers, keyers...highly related to QRP activity) might form the
basis for such a series of Elmer-beginner conversations.

72

John N9KW QRP-L # 1257
Elmhurst, IL

Date: Tue, 20 Jan 1998 09:32:25 -0700
From: Niel Skousen <nskousen@scientechnology.com>
To: qrp-l@Lehigh.EDU
Subject: [1465] Q??: Gas Batt's, Icom R-100
Message-ID: <3.0.3.32.19980120093225.00855100@eaglerock.if.scientechnology.com>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Got a couple of questions.

- 'Obtained' a qty of Dynasty UPS-12-300 dry gas batt's which had been stored for and extended period in a low-charge state. I've got them on a reasonably good 25a charger. What kind of 'care & feeding' do these need ? What kind of recovery (%) can I expect ? Anybody have any experience w/ these batt's ?

- Icom R-100, any mod's for CW/SSB reception on HF ? Anyone have a tech manual for this radio. I got it in a trade, no manual, instructions etc....

TNX Niel
Niel Skousen
nskousen@scientechnology.com

Znn

Date: Tue, 20 Jan 1998 10:51:44 -0600
From: "Rattray, Bruce" <Rattray@siast.sk.ca>
To: "'johnb@elmhurst.edu'" <johnb@elmhurst.edu>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [1466] RE: Receiver trouble shooting (LONG)
Message-ID: <ABB04875E11AD01191A40000F83092BE566FD3@STONE>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7BIT

If I understand it right, I think this is a GREAT idea!...maybe some of the QRP-L "gurus" could comment on whether or not this would be a realistic project to attempt for the group...I would love to build basic test equipment to use on the various qrp kits to check them out and of course learn more in the process...it would be great to have a qrp "lab"...72 - Bruce(VE5RC/VE5QRP)

e-mail: rattray@gpfn.sk.ca

-----Original Message-----

From: John Bohnert [SMTP:johnb@elmhurst.edu]
Sent: Tuesday, January 20, 1998 10:27 AM
To: Low Power Amateur Radio Discussion
Subject: Re: Receiver trouble shooting (LONG)

> Mike wrote:

> >The question is, how do I troubleshoot this circuit, without
> >"shotgunning" parts. I'd really like to understand what is

wrong.

---SNIP---

Bob Liesenfeld wrote:

```
> Hi Mike,
>
> I have heard of this kit, but not seen it, so bear with me
:-)
> I would first check all Vcc points for proper voltage. Next
check all
> gnd paths (stuff doesn't work without power :- )
> Assuming that checks, we need to 'divide & conquer'. Inject a
1KHz
> tone from your generator at the top of the volume control.
```

---SNIP---

```
> Assuming all this checks out, I would recommend building a
signal
> injector. This can be nothing more than a 555 timer ckt
producing a > nice 100KHz square wave, which will be rich in harmonics
to the point > where you can use it as a go-nogo tester from input to
output of each > RF stage.
> Another very powerful tool is if you can lay your hands on a
properly
> functioning kit and make comparative measurements. I call this
'a
> stare and compare'
> If you want, you can e-mail or snail me a copy of the skez,
and I
> could talk you through some more detailed steps.
```

I have re-read Bob's (WB0POQ) response to Mike half-a-dozen times. It is clear that Mike is motivated to learn and Bob is willing to help...there are many 'Bobs' in QRP and there are many 'Mikes' in QRP. It is also clear that there are some difficulties in this exchange between Bob and Mike.

What if there were a QRP kit (eg. Norcal 40) which would become the "platform" for the construction of simple test equipment (kits?) with

the use of QRP-L for a "series" of lessons by helpful Elmer's in
the world of QRP? The sessions would support the successful
completion of the QRP rig and lead to a greater understanding of the how the
rig functions...and I would argue help provide a new vitality in
amateur radio...interest in QRP is booming and such a strategy would
satisfy a fundamental aspiration of many of us who pursued our tickets.

If successful the use of kits, other than rigs (eg. battery
chargers, solar chargers, keyers...highly related to QRP activity) might
form the basis for such a series of Elmer-beginner conversations.

72
John N9KW QRP-L # 1257
Elmhurst, IL

Date: Tue, 20 Jan 1998 12:13:56 -0400
From: Greg Weinfurtner <weinfurtner@ouvaxa.cats.ohiou.edu>
To: qrp-l@Lehigh.EDU
Subject: [1467] WTB:schematic, Palomar FC-40 freq counter
Message-ID: <v03110701b0ea7ca9b52a@[132.235.72.188]>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"
Content-transfer-encoding: 7BIT

Hi gang,
I was at the SCARF hamfest sunday, Nelsonville OH and I felt sorry
for a FC-40 Palomar frequency counter offered. I got it for 5\$ and it said
on the pricetag, "Needs Help!" Well, needless to say I COULD RELATE to
that! I'm looking for a skee-magic if anyone has one. I'd say its late70's
vintage?? I'd be glad to cover cost of copy, mailing, etc.

Thanks!

***** Amateur Radio *****
* <>< *
* NN N SSSSSSS 8888888 0000000 Greg Weinfurtner AEE BSS *
* N N N S 8 8 0 0 Electronic Design Splst *

```

* N  N  N  SSSSSSS 8888888 0    0  Ohio University  Athens *
* N  N  N      S  8      8  0    0  GO BOBCATS!           *
* N  NN  SSSSSSS 8888888 0000000          EM89WH          *
*                                                    *
* "Can thou send forth lightnings that they may go and say *
*      unto thee, 'Here we are'?" Job 38:35                *
*                                                    *
*      weinfurtner@ouvaxa.cats.ohiou.edu                    *
*      http://ouvaxa.cats.ohiou.edu/~weinfurtner            *
*****

```

```

-----

Date: Tue, 20 Jan 1998 10:07:18 -0700
From: pete petry <cpetry@ccs.lmco.com>
To: qrp-1@Lehigh.EDU
Subject: [1468] Index Laboratories and also parts and pieces...
Message-ID: <34C4D9C6.2E7B@ccs.lmco.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

```

Hello--

I find that I am to be the new owner of an Index Laboratories QRP+. I have tried calling the Index Labs TelNo and got a modem in my ear. Is there anyone who has current info on the status of Index Laboratories and what services, upgrades, repairs are still available?

One of my friends recalls that someone purchased the (parts and pieces) inventory of Index Labs. Does anyone know who? And how to get in touch with them?

This list has been a wonderful thing for me. Thank you to the list owners and another thank you to the list members.

72,

--

Pete Petry/WD4DHR
 Lockheed-Martin
 Command & Control Systems
 9970 Federal Drive
 Colorado Springs, CO 80921
 719-594-1265 (v)
 Email: cpetry@ccs.lmco.com

Date: Tue, 20 Jan 1998 12:18:17 -0400
From: Greg Weinfurtner <weinfurtner@ouvaxa.cats.ohiou.edu>
To: qrp-1@Lehigh.EDU
Subject: [1469] Help w/ID of chips
Message-ID: <v03110702b0ea7dcbf94b@[132.235.72.188]>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"
Content-transfer-encoding: 7BIT

Gang,
Anyone have data on the following chips? Pin outs? Who
manufactured them?

DM8223N

DS75492

DS8857

Thanks!

```
***** Amateur Radio *****
*                                     <><                                     *
* NN      N  SSSSSSS  8888888  0000000  Greg Weinfurtner AEE BSS *
* N N      N  S      8      8  0      0  Electronic Design Splst *
* N N      N  SSSSSSS  8888888  0      0  Ohio University Athens *
* N      N N      S      8      8  0      0  GO BOBCATS!          *
* N      NN  SSSSSSS  8888888  0000000          EM89WH          *
*
* "Can thou send forth lightnings that they may go and say      *
*      unto thee, 'Here we are'?" Job 38:35                      *
*
*      weinfurtner@ouvaxa.cats.ohiou.edu                          *
*      http://ouvaxa.cats.ohiou.edu/~weinfurtner                  *
*****
```

Date: Tue, 20 Jan 1998 10:21:45 -0800
From: Brian Kassel <bkassel@dancris.com>

To: QRP-L <QRP-L@Lehigh.EDU>
Subject: [1470] Circad Question
Message-ID: <34C4EB39.799A@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Howdy Gangue:

I've downloaded the Circad DEMO, and through practice, seem to have most of the drawing functions down.

My problem is that I can't seem to find a way to print out my completed drawing. I am using

a 9 pin printer at the moment. Also I am running the program from booting up in MSDOS,

NOT in a WIN95 window. I can run WIN95 on another machine that I have, but I wanted

to be able to print from this machine, as it is my dedicated "Ham Radio" machine.'

I sure would appreciate any help.

Thanks a bunch!

--

Brian Kassel W5VB0
ARCI # 3623
Phoenix AZ ScQRPions

Date: Tue, 20 Jan 1998 11:27:34 -0600
From: "Bill Denton" <bdenton@tenet.edu>
To: qrp-l@Lehigh.EDU
Subject: [1471] de W5sb back again
Message-ID: <34C4DE86.72C2@tenet.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

After suffering through growing pains with the state run Tenet.edu system, I have successly have gotten back on the list and e-mail in general.

73 from Bill W5SB

Date: Tue, 20 Jan 1998 10:22:16 -0700

From: Steve Galchutt <n0tu@webaccess.net>
To: "\"Low Power Amateur Radio Discussion\"" <qrp-1@Lehigh.EDU>
Subject: [1472] Re: Cold Wx Batteries
Message-ID: <34C4DD44.157F@webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

OK....My secret weapon for keeping the batteries warm is one of those little six-pack "soft" coolers with a couple of the chemical hand/foot warmers...or hot rocks if camping indian style. During the sunny part of the day I wrapped my battery in black T-shirt using the sun to keep things warm. I also 'slept' w/my battery (don't tell the XYL) at the foot of my sleeping bag the night before FYBO...just to keep it idling at 60*f! I saw very little change in my gelcells voltage-wise from room temp with these arrangements. I also taped one of those little temp indicator strips on it's side...to keep me informed....Your mileage may vary

TU/Steve

Steven Weber wrote:

>
> Howdy all,
>
> If you plan on operating FYBO, leave your gel-cells at home, as these will
> roll over and die in cold temps. A battery pack made up of Alkaline D cells
> will give you better cold Wx performance. Another trick is to make the
> battery pack so that you can snuggle up to them in your sleeping bag or
> place under your jacket to keep them warm.
>
> If money is no object, lithium cells work very well in cold temps, with the
> added advantage you will need less of them and they have a good weight to
> size ratio.
>
> NiCads would also be a good compromise between the Alkaline and lithium
> cells.
>
> Maybe it's about time we design a rig that runs on 6 volts. A Rx that runs
> on 3 V would be even better.
>
> 72,
>
> Steve, KD1JV....In the White Mountains of New Hampshire
>
> "Melt Solder"

--

CUL Steve/n0tu . .
Solar powered QRP/CW
"Camping" in Monument, CO....email:N0TU@webaccess.net

Date: Tue, 20 Jan 1998 10:23:29 -0700
From: wa5whn@juno.com
To: qrp-1@Lehigh.EDU
Cc: vole@primenet.com
Subject: [1473] FYBO '98 @ T minus 17 days & counting
Message-ID: <19980120.102557.2662.1.wa5whn@juno.com>

qrp-1ers,

WOW !! Not only do we have FYBO '98 on Feb. 7 & 8, but NA cw Sprint & NWQRP digital contest are scheduled that very same weekend. In the mean time, El Jefe del Fuego {AB7TT} is trying to modulate a few smoke signals. It will not be a boring weekend.

I would be interested in knowing what had happened, in Your' Sierra, to cause it to smoke, Joe {AB7TT}. Many years ago, we were building a 200 watt transmitter, using some metallic capacitors {bypass}, well, they short when they fail, and the metal glows red. =8-0

That's a great idea to wrap the space blanket around the batteries, in a cold enviorment, while the Sun is out.

It's almost worth taking along a few extra chemical heating pads, wrap them up in a cloth & place the battery on top of those, at night, wrapped in a "Space Blanket". It would bring the chemical efficiency up in the battery, in the cold weather.

Well, Joe, if the radios quit, we can always go ice fishing in east central Arizona. ;-) Do You want to crawl out on the ice & cut the hole ? :-)

To the best of my recollection, there will be a dozen or so Az. & NM QRPers in Pinetop, Az. {DM54} during FYBO '98. If You should hear about the Sitgreaves National Forest & the Cities of Pinetop-Lakeside, Az., burning down, Feb. 7th & 8th, You will know that all of us had found some bugs in our gear. ;-)

<http://www.wmonline.com/cities/pinetop.htm>

{That's what the place looks like before we get there.} Kind of like reading "NA5N's QRP Databook", the photo on the front cover. Nice, neat, before photo.

Toast 'em, if You have them. {Marshmallows}.

72 ...Jay, WA5WHN DM65qd

Albuquerque, NM USA

Date: Tue, 20 Jan 1998 12:31:12 EST
From: n7mfb@juno.com (Bill Todd)
To: cpetry@ccs.lmco.com
Cc: qrp-l@Lehigh.EDU, bg783@scn.org
Subject: [1474] Re: Index Laboratories and also parts and pieces...
Message-ID: <19980120.093005.4543.1.n7mfb@juno.com>

On Tue, 20 Jan 1998 10:07:18 -0700 pete petry <cpetry@ccs.lmco.com>
writes:

>Hello--

>

> I find that I am to be the new owner of an Index Laboratories QRP+.
>I have tried calling the Index Labs TelNo and got a modem in my ear. Is
>there anyone who has current info on the status of Index Laboratories
>and what services, upgrades, repairs are still available?

Hello Pete -

I know of a guy who can do qualified repairs to the QRP+ rigs. Stan, K7SY was the Senior Test Tech at Index Labs, and does repairs on those radios.

I am sure you have heard that Index is now out of business - and Stan has no further connection with the company. But, he is a good technical person, and should be able to help you if you need some repair work.

His E-mail address is: bg783@scn.org

CUL, Bill-N7MFB

Date: Tue, 20 Jan 1998 10:12:37 -0700
From: torell@sicom.com (Kent Torell)
To: qrp-l@Lehigh.EDU
Subject: [1475] broadbanding antennas
Message-ID: <v02130507b0ea896478b6@[192.91.202.41]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

We lucked out with a particular antenna design once. We needed about 1.5 Mhz of bandwidth at 6 Mhz. The approach (mostly based on physical constraints) was to make a cage dipole, supported as an inverted V. 4 strands of #14 wire were spaced 12 inches apart using pvc X shaped spreaders. (Our technician nicknamed it the 'home dee-pole') The antenna was mounted atop a 30' mast, fed with a 1:1 balun, and the antenna ends drooped to about 6' off the metal roof. Tensioned to about a 100 degree apex angle. The swr presented a double minimum response, but all the element lengths were the same! A look with a network analyzer showed the antenna at resonance was below 50 ohms, and as you tuned off of resonance, the swr actually dropped for a while before rising. Our system could stand a 2:1 swr, so this antenna worked very well for us, and we used it around the country on some radio tests. It was fairly heavy, with all that copper wire.

Kent Torell torell@sicom.com 602-607-4852
SICOM 7585 E. Redfield, #202 Scottsdale, AZ 85260
AB7OA scQRPion 6,qrp-l 57,ARCI 9075 DM33xn 33.55 N 112.078 W

Date: Tue, 20 Jan 1998 10:40:04 -0700
From: ji3m@maxwell.com (James R. Duffey)
To: qrp-l@Lehigh.EDU
Subject: [1476] How I live with Deep Cycle Batteries
Message-ID: <v02130503b0ea7f9624de@[192.31.66.158]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The topic of using deep cycle batteries for Ham use comes up every so often

here, and there are usually excellent replies, some of which have been posted recently. I thought I would give the practical side of using a deep cycle battery.

When I got my first all solid state rig, a TS850SAT, nearly 4 years ago I didn't want to spring the extra \$150 or so for a 20 A 13.6 VDC supply to run it. I bought a 110 AH marine deep cycle battery at Sam's Club for \$45. I don't remember the brand name. I already had an ATEC 6 A "automatic charger" for automobile batteries. I put the battery in a trash sack in case of acid spills. For last years FYBO I bought a marine plastic battery holder (actually a case) which I now use. The whole thing fits out of sight in a file drawer of the old desk I use for my radio.

I operate QRO (horrors!) about once a week for a SSB (more horrors!) sked with my dad. During this sked I plug in the battery charger and charge the battery while I have a chat with my dad. After the QSO I leave the charger on until the battery is "fully charged". In my shack, this state is defined by the charger cycling on and off, and a battery voltage reading of 14.2 volts or so. I then unplug the charger. I operate QRP the rest of the week on this charge, although for extended operating, like contests, I usually plug in the charger. Some times I monitor the voltage, but if I need the multimeter elsewhere that doesn't get done. Every once in a while I forget and leave the charger connected overnight. The charger reduces the charge "automatically" so I have not had problems so far. I suppose it would be OK to leave the charger on all the time, but I don't, mostly for "fear of falling off the edge of the earth."

About once every 6 months I check the water level and top it off with distilled water if necessary.

This combination has seen me through a 30 hour QRO Sweepstakes (before I got QRP religion). I fully charged the battery prior to the contest, and ran the charger continuously during the contest. There was a 6 hour rest period, of course, during which the battery saw charging, but no discharging. The battery was at 12 V at the end of the contest. I ran the TS850 QRP on the battery alone during last years FYBO with no problems. The battery alone will probably run the TS850AT for 48 hours or so of listening or QRP operation and 12 to 14 hours of QRO operation. That should be good enough for most emergency communications situations. If not, it can always be recharged with jumper cables and a car.

Although I don't expect to have this combination last forever, it has done me well so far. Most sources I read rate the deep cycle batteries for 300 to 500 charge/ discharge cycles. As I rarely completely discharge the battery I probably have at least as much life left in the battery as I have used.

Resist the temptation to use car batteries in this application. They are

only good for 5 or 6 complete charge/discharge cycles and will need to be replaced more often. The deep discharge batteries are not that much more expensive than car batteries and are much better for this application.

When I replace the current battery I will probably go to 2 - 6V deep discharge traction batteries designed for golf cart/fork lift use that can be obtained in 200 AH ratings. These are available at Sam's Club for not much more cost (each) than the 12 V deep cycle battery.

The battery charger works OK, but runs hot. A thermal cutoff begins to activate after an hour or so of charging at the maximum rate. I keep intending to install a fan.

Chargers such as mine can be found at flea markets or garage sales. If I were purchasing one today exclusively for this use, I would get a 10 Amp "automatic" charger. Then I could charge at the infamous C/10 rate. This would charge a bit faster and provide some more margin for QRO operation with the charger on. I notice that Sears sells one for \$55. With a new battery this combination comes to about \$100 for a 12V supply that also provides emergency communications. I don't think you can beat this for value.

I keep intending to install a permanent voltmeter with expanded scale to monitor the battery condition, as well as an Ammeter in series with the rig. This hasn't gotten done yet, but it is on my "list".

I have also looked into building my own charger, but with the availability of low cost automobile chargers this does not seem cost effective.

One last caveat. Most "12V" gear is really optimized to operate on a fully charged battery which will give 13.6 V. Many rigs will not operate if the voltage drops much below 12 V, so it pays to use a fully charged battery. Unfortunately, most commercial rigs made today are not optimized for low power consumption. My 850 draws 2 A on receive. The older "microprocessorless" solid state rigs, as well as most QRP rigs, are much better in this respect.

I try to treat the battery gently. I avoid deep discharges, I try to avoid charging longer than necessary, and I don't trickle charge. I speak gently to it, thanking it for providing me with power.

I recommend the charger/deep discharge combination to those contemplating purchase of a 12 V supply. - Duffey KK6MC/5

James R Duffey KK6MC/5 DM65
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Wed, 21 Jan 1998 01:52:56 +0800
From: "W. Daniel, 9V1ZV" <daniel@pandora.lugs.org.sg>
To: ji3m@maxwell.com
Cc: qrp@pandora.lugs.org.sg
Subject: [1477] Re: How I live with Deep Cycle Batteries
Message-ID: <34c4e47a.pandora@pandora.lugs.org.sg>

On Tue, 20 Jan 1998 10:40:04 -0700, "James R. Duffey" <ji3m@maxwell.com> wrote:
> Resist the temptation to use car batteries in this application. They are
> only good for 5 or 6 complete charge/discharge cycles and will need to be
> replaced more often. The deep discharge batteries are not that much more
> expensive than car batteries and are much better for this application.

Would you happen to have any idea as to the effectiveness of the sealed
lead-acid batteries in this kind of application? I have one 26AH sealed
lead-acid lying in the shack and was thinking of using it for this
application. Should I?

73 de 9V1ZV Daniel

--
+-----+-----+
Daniel Wee	daniel@pandora.lugs.org.sg
9V1ZV	
QRP-L #667	9V1ZV@amsat.org
+-----+-----+

Date: Tue, 20 Jan 1998 12:59:45 -0500 (EST)
From: Bob Patten <n4bp@bc.seflin.org>
To: "Charles J. Ludinsky" <cjl@mail09.mitre.org>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [1478] Re: Unknown Mode/Noise
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 20 Jan 1998, Charles J. Ludinsky wrote:

> During the last week or so, the frequencies from about 3.684 to 3.688 have been
> unusable here at times, with an S9+10 signal that sounds like a spread spectrum
> mode. It is certainly not RTTY or any "normal" data mode, sounding more or
> less like background noise, except for a slight regularity that makes it
> identifiable as a modulated signal.

Do you have a computer in the shack? If so, try turning it off. Mine
just developed horrendous QRM a couple of days ago, but only on 10
Meters. Trying to track down what changed to start it - in my spare time...
Maybe Bill Gates developed a time bomb in DOS 6.22 to force us to go to
Windows 98! :-)

73,

Bob Patten, N4BP

(0 0)

Plantation, FL

-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org

Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>

Brass Pounder BBS: (954) 472-7715

Date: Tue, 20 Jan 1998 13:20:47 -0500 (EST)
From: Scott Bauer <ke3nv@erols.com>
To: qrp-l@Lehigh.EDU
Subject: [1479] 49er sold
Message-ID: <199801201820.NAA17326@smtp2.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Thanks to all who inquired, but the 49er is spoken for.

Scott w3cv

Date: Tue, 20 Jan 1998 10:32:05 -0800
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: qrp-l@Lehigh.EDU
Subject: [1480] Tuna Tin 2 Files
Message-ID: <3.0.1.32.19980120103205.00c309f4@dpol.k12.ca.us>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Wow, what a response, so far I have sent over 30 sets of the Tuna Tin 2 files out to members. I wonder who will be the first to get a rig working? Hint, Hint. When you get your Tuna Tin 2 rig working from the files that you received, please post to the list.

Glen Torr, VK1FB is working on updating the Herring Aid 5 Receiver and Bruce Muscolino, W6TOY is doing the CB Slider VFO (by the way the CB stands for Chopped Beef). When they get the info to me I will post to the net that those files are ready. If you haven't downloaded Circad, I strongly suggest that you do, as it can become an excellent way for us to exchange files on the internet. We have discussed this several times, and it is hard to send schematics on the net. How many times have you seen a circuit drawn in Ascii that runs off the screen and is hard to visualize? What if one of the guys would make their web server a storage place for circad files? That way if Dick Pascoe in England develops a circuit or wants to share an idea, he sends a message to qrp-l that the circuit is available at such and such a web site. Then all that we have to do is download it. We live in a rapidly shrinking world. The Circad demo is free, and easily available. It runs fine on a dos machine.

I find it amazing and very interesting that I have sent files to England, Iceland, Japan, Canada, Australia and all over the US. This is exciting to me. Now we have a means of exchanging circuits and board layouts.

Today I will mail the board layout to FAR Circuits and will report to the net when he gets back to me with the price of the boards. I think this is the best way to do this. Probably most of us have the parts in the junk box, at least I know that I do.

I also picked up a copy of the ARRL CD rom for 1975-79. My first impression is disappointment. The files are TIF files, and come up as pictures, not searchable text. It is sort of like having a set of microfilms and a microfisch reader (not sure about the spelling, but one of those deals in the library that make you go blind when you use them for more than 10 minutes.) I wanted to be able to go in and lift text and import it into a document. I thought it would save me lots of time, sorry to say, not possible. Also, I thought that I could search the files with a search string looking for a call or QRP and find all the articles that relate, but again I don't believe it is possible. You can print a copy of the pages, but the quality is not really good. Also, whoever scanned the Tuna Tin 2 article cut off the last letter on the right hand column of the first page. Looks like they just put the magazine face down on a scanner and scanned it in instead of taking the magazine apart to get a flat copy.

My wishes for CD copies of QST would include a searchable database, and the ability to lift sections of text and diagrams to reproduce in documents, much like Encarta and other encyclopedias. It is nice to have the material, and the CD's are a lot easier to store than the magazines, but I

was disappointed.

72, Doug, KI6DS

Date: Tue, 20 Jan 1998 12:28:32 -0600
From: kreinbd@ccgate.dl.nec.com (David Kreinberg)
To: qrp-1@Lehigh.EDU
Subject: [1481] WorldRadio Books
Message-ID: <000583E7.4159@ccgate.dl.nec.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Description: cc:Mail note part

Hi Folks,

Wanted to know the opinion(s) of people who have read
the following books offered by WorldRadio:

1. 'Little Pistol's Guide to HF Prop.' by Robert Brown, NM7M
2. 'Aerials' by Kurt N. Sterba

I enjoy reading these gentlemen in WorldRadio (well, we can
assume Kurt N. Sterba is a man, but since the identity is SO
well hidden, the HE could be a She!).

Anyway, are these works a good investment in the old library?

TIA for any comments.

73 de Dave NR3E/5
nr Dallas, TX
qrp-1 #25

Date: Tue, 20 Jan 1998 11:28:55 -0700
From: Steve Galchutt <n0tu@webaccess.net>
To: "\"Low Power Amateur Radio Discussion\"" <qrp-1@Lehigh.EDU>,
n0tu@webaccess.net

Subject: [1482] Re: Keyers w/Analog Speed Control?
Message-ID: <34C4ECE7.3774@webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thank you ALL for the responses....Sounds like the Super CMOS and Island Keyers are very popular amongst the CW-QRP community. I'm following a couple of leads on the Curtis 8044 chips...will get back later.
TU/Steve

Steve Galchutt wrote:

>
> I want to build a keyer that I can control the speed via analog/pot &
> also has adjustable weighting function ...I've got the K8EL and TiCK
> keyers...There great for compactness, low current drain and many great
> embedded functions plus memories BUT no weight or analog speed controls.
> AND It really bugs me and seems 'silly' to have to ask the other station
> to "AS" while you change your speed to his via 'commands' to the keyer
> chip. Please!... Give me an analog pot w/knob! Guess I'm an old fashion
> nut and like to keep my hand on the speed pot. So...the question is -
> are there any Curtis keyer chips still kickin' around for reasonable
> price or is there another device to replace it?
> TU Steve
> --
> CUL Steve/n0tu . .
> Solar powered QRP/CW
> "Camping" in Monument, CO....email:N0TU@webaccess.net

--
CUL Steve/n0tu . .
Solar powered QRP/CW
"Camping" in Monument, CO....email:N0TU@webaccess.net

Date: Tue, 20 Jan 98 18:28:54
From: "KA5T Larry Wise" <lewise@inetport.com>
To: "antenna list" <antennas@qth.net>, "qrp" <qrp-1@Lehigh.EDU>
Subject: [1483] Double Bazooka...Broadbanding...
Message-ID: <199801201844.MAA12933@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Gang:

Before anyone spends a lot of time constructing one of these antennas I recommend that they review a couple of articles on the subject:

- 1 - M. W. Maxwell (W2DU) 'The Broadband Double-Bazooka Antenna-
How Broad Is It'
QST Sept 1976 P 29 - 30 Tech Correspondence - W2DU
- 2 - M. W. Maxwell (W2DU) 'Reflections' ARRL ISBN: 0-87259-299-5
Chapter 18 P 18-1 - 18-6 'The Broadband Double-Bazooka Antenna-
How Broad Is It'
- 3 - F. J. Witt (AI1H) 'Broadband Dipoles - Some New Insights'
QST OCT 1986 P 27 - 37

Here is a short quote from 2:

Quote

Since I wrote the Technical Correspondence item on which the above information is based, the true reason for the increased dipole bandwidth obtained with the Double-Bazooka has been discovered. But the reason is not a happy one. Frank Witt, AI1H (ex-W1DTY), with the aid of a computer, has discovered that the increased bandwidth of the Double-Bazooka obtained by many amateurs actually arises from the previously undetermined resistive loss in the coaxial cable used to form the stubs, and not by reactance cancellation from parallel-connected coaxial stubs(Ref 122). In other words, the reduction in SWR obtained by those who use the Double-Bazooka is from resistive loading, and not from reactance cancellation. Unfortunately, the resistive loading results in a reduction in radiated power, power lost in heating the stubs.

Unquote

The Ref 122 in the text is 3 above...

Some fuel to stoke the fires.....
Some food for thought....

Larry KA5T lewise@inetport.com Georgetown, Texas

Date: Tue, 20 Jan 1998 12:46:53 -0600
From: wmcshan@REX.RE.ouhsc.edu (Mike McShan)

To: qrp-1@Lehigh.EDU
Subject: [1484] Re: Tuna Tin 2 Files
Message-ID: <v01540b01b0ea9f144146@[157.142.56.167]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Doug Hendricks wrote:

>

>I also picked up a copy of the ARRL CD rom for 1975-79. My first
>impression is disappointment. The files are TIF files, and come up as
>pictures, not searchable text. It is sort of like having a set of

I agree with you 100%. I was extremely disappointed that the ARRL did not use some standard format like Adobe Acrobat PDF files for these archives. Not only would a user be able to search for text strings and copy material to other programs, but also the CDs could be used by Macs and Unix machines as well as PCs. Very poor decision on their part. Its a real shame, considering what a valuable resource these CDs are.

Mike N5JKY
Edmond, OK

Note bene, any ARRL powers that read this list: not everyone uses PCs.

Date: Tue, 20 Jan 1998 01:46:12 -0500
From: "tom palmer" <n1tp@worldnet.att.net>
To: <mail4gary@worldnet.att.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [1485] Re: W2UX FOX Log & Comments - 1/20/98
Message-ID: <19980120184812.AAA3388@default>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Gary M should be recognized for his truly superb job as the Fox on 1-20-98. Wow, what an operator!!!!!! Interesting considering his note: his signal strength increased dramatically (589-599) here in SW Florida during last 20 minutes.
72/73, Tom, N1TP, in beautiful. tropical, Naples.

> From: Gary M. - W2UX <mail4gary@worldnet.att.net>

> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Subject: W2UX FOX Log & Comments - 1/20/98
> Date: Monday, January 19, 1998 7:41 PM
>
> Well here it is guys. Sorry that I could not work everyone. There were
> just to many calling on top of one another and it was difficult to pick
out
> callsigns. I am serious guys...what a mess. But it still was fun. I
will
> be waiting for all the corrections (hope there are not too many).
>
> Propagation was real strange. Worked stations from CA to my home state
of
> SC, PA to FL and everywhere in between (no one in New England states
> though). I think there was some intentional QRM in there but I worked
> through it. Last 45 minutes got tough. QRM and QRN got bad and condx
> started to fall out.
>
> Station setup here is a TenTec ARG0 556 (set to 4 watts) with an LDG
tuner
> to a G5RV fed with about 100 feet of underground coax. Pine trees
holding
> the antenna give it a northeast to southwest pattern.
>
> Worked 59 stations in 26 states and ON in Canada.
>
> 0100 UTC START
>
> W5FN 569 TX TIM 586
> N4ROA 579 VA DAN 970
> N5YUC 559 AL JACK 1345
> K8CV 579 MI WALT 935
> N4PK 569 GA ED 1307
> W0CH 569 MO DAVE 618
> K5ZTY 579 TX BILL 473
> KA8OKH 559 KY RICH 933
> WD4MSM 569 IN BARRY 642
> WB9HFK 559 IL MARK 1159
> N9DD 569 IN TOM 32
> W6ZH 559 CA PETE 257
> N7IR 569 AZ GARY 1330
> N9KW 559 IL JOHN 1257
> NQ7X 559 AZ FLOYD 343
> NU8Z 559 MI MARK 1431
> NA3V 559 PA JIM 1317
> W5SB 569 TX BILL 1279
> WD5COV 579 CO DAVE 5W
> K4PYM 559 SC GEORGE 1297

> K5ID 569 AR KEN 652
> N6MM 559 CA HARVEY 318
> VE3ELA 559 ON KEN 1226
> K1MG 559 CA MIKE 614
> K8FF 589 OH WAYNE 1360
> K5VUU 569 TX ED 1343
> KQ5U 559 TX TERRY 5W
> K50I 569 NM TOM 73
> WV3J 559 VA PAUL 1224
> N1TP 559 FL TOM 1317
> WD3P 559 MD LARRY 1039
> AE9K 559 WI BRIAN 58
> AB7TK 559 ID RANDY 102
> N8CW 559 OH BOB 4W ?
> WB4EXW 559 NC WATSON 5W

>

> 0206 UTC

>

> K10J 559 TX OJ 732
> K5UP 559 OK GLEN 21
> K5JHP 559 TX BILL 825
> W8KC 559 MI PAUL 59
> N5LU 559 OK BILL 5W
> W5HNS 559 TX HENRY 178
> N4XDW 559 AL JAY 1372
> WB0T 559 IA JERRY 1268
> W0RW 559 CO PAUL 2W
> AB5UA 559 OK CLIF 478
> N3XRV 559 MD CHRIS 655
> AA5TA 559 TX LARRY 155
> KS4HQ 569 NC BOB 801
> KU7Y 559 NV RON 17
> N5JI 559 TX DICK 1054
> KD4OBQ 589 FL PAT 1009
> K5GQ 559 TX MARK 794
> N6XU 559 CA STAN 66
> KA5T 449 TX LARRY 89
> WA5SAJ 559 TX LARRY 1409
> K06KA 449 CA` ROB 176 '
> W8RU 559 MI RON 188
> W4YNG 559 AL HAL 5W
> AC5JH 449 LA TOM 1319

>

> 0300 UTC END

>

>

> =====

> 72/73 de W2UX

> Gary McCaughey
> Lexington, SC
> CW is the REAL THING!
> Use it....or lose it.
> QRP-ARCI QRP-L CQC
> =====

Date: Tue, 20 Jan 1998 13:52:11 -0500
From: Michael Maiorana <mikemo@ibm.net>
To: johnb@elmhurst.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [1486] Re: Receiver trouble shooting (LONG)
Message-ID: <34C4F25B.5F43@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

John Bohnert wrote:

> What if there were a QRP kit (eg. Norcal 40) which would become the
> "platform" for the construction of simple test equipment (kits?) with
> the use of QRP-L for a "series" of lessons by helpful Elmer's in the
> world of QRP? The sessions would support the successful completion of
> the QRP rig and lead to a greater understanding of the how the rig
> functions...and I would argue help provide a new vitality in amateur
> radio...interest in QRP is booming and such a strategy would satisfy a
> fundamental aspiration of many of us who pursued our tickets.

Yes! That is a wonderful idea. Any volunteers? (BTW, I am the "Mike"
that he refers to ;-)

> If successful the use of kits, other than rigs (eg. battery chargers,
> solar chargers, keyers...highly related to QRP activity) might form the
> basis for such a series of Elmer-beginner conversations.

72 de kf4trd
Mike Maiorana

Date: Tue, 20 Jan 1998 13:55:09 -0500
From: Michael Maiorana <mikemo@ibm.net>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [1487] Precision Sig. Gen. E-200 info needed

Message-ID: <34C4F30D.206D@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I just purchased a signal generator, made by Precision Apparatus Co.
Precision Signal Generator Series E-200.

It is very old but functioning. All tube design. Does anyone have one of these or have any information like schematics or calibration procedures? Now that I have an investment in it I'd like to be able to keep it running.

Thanks!
72 de kf4trd
Mike Maiorana

Date: Tue, 20 Jan 1998 18:58:36 +0000
From: Ed Loranger <we6w@qsl.net>
To: mgipe@reliablemeters.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [1488] Re: Keyer wiring convention
Message-ID: <34C4F3DC.10AD@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Yup. I'm aware of the thumb=dit convention.

My physiological analysis was based solely on an individuals' ability to release the particular paddle upon completion of a character or char. element.

I think the index finger is more responsive.

So, do you want that to be with dits or dahs?

It is up to you. But I hear lots of extra dits on the radio from many operators. Could it be that that "Heavy" thumb stays on the dit paddle a bit too long?

It seems to me that there is more room for error on the Dah side, making that an excellent location for the more cumbersome thumb.

This is all my opinion, of course, and this contribution submitted mostly as food for thought.

Tally Ho!
-Ed

Michael A. Gipe wrote:

>
> Ed --
> The world's convention is thumb = dit. Just take a look at any bug to see
> why it happened this way. Although some left-handed bugs with dits and dahs
> reversed were built, there are very few in existence.
>
> Mike K1MG

--

Recipient of coveted Samuel F. B. Morse Award, NTTC Pensacola, FL 1977.
72/73 de we6w qrp es CW ONLY; Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (From Non-Ham to Extra in one Day.)

Date: Tue, 20 Jan 1998 18:47:09 GMT
From: John Fletcher <johnf@innotts.co.uk>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [1489] Tuna Tin 2 and QRP RTTY
Message-ID: <199801201847.SAA06199@carlton.innotts.co.uk>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello All,

Must have a go at building this; the TT2 and the Herring Aid 5 are both in Understanding Amateur Radio, an ARRL book I've had for some years. Luckily our cat eats a lot of tuna, so I won't have to wait long for the chassis. I wish crystals were as cheap here as they are in the U.S.

At the weekend I tried out Hamcomm 3.1 for the first time. 5 Watts on 20 meters from my TS530S brought me 589 and 599 from two Italian stations in just a few minutes. "First QSO Panic" got to me so I had to stop - my typing is poor at the best of times. Rather wish I still had my Creed 7B, or the 75 or the 444, but 486s are quieter!

I can recommend Hamcomm; the interface is easy to build (I did it) and it works well. I hope to make a QSO across the pond when

conditions are right.

Vy 72 de John G4EDX

Date: Tue, 20 Jan 1998 11:06:05 -0800
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: "Ed Loranger" <we6w@qsl.net>
Cc: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [1490] Re: Keyer wiring convention
Message-ID: <01bd25d6\$74e00770\$309f5ecf@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

You may be right about the physiology of the task. Maybe this is just another example of poor ergonomic design that got 'standardized', like the QUERTY typewriter?

Mike K1MG

Date: Tue, 20 Jan 1998 19:07:52 +0000
From: Ed Loranger <we6w@qsl.net>
To: lewise@inetport.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [1491] Re: Double Bazooka...Broadbanding...
Message-ID: <34C4F608.48FD@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Good Job Larry. I heard about this before, but I just can't ignore JC's signal anymore. I'm definately amassing what information I can on the Bazooka Antenna, and I also expect to use it without a tuner for 40 meters. I imagine some of the coax losses will be negated when operating without the tuner in-line.

JC was S9 + 30 to 40 dB here and running only 2 watts.

This won't be an "computer" simulation as AI1H has done.

I'll let y'all know when the bazooka is up in place of my dipole and we'll get some on-air reports.

Good or Bad, it will be fun!!!!
-Ed

KA5T Larry Wise wrote:

>

>,...<snip> the true reason for the increased dipole
> bandwidth obtained with the Double-Bazooka has been discovered. But
> the reason is not a happy one. Frank Witt, AI1H (ex-W1DTY), with the
> aid of a computer, has discovered that the increased bandwidth of the
> Double-Bazooka obtained by many amateurs actually arises from the
> previously undetermined resistive loss in the coaxial cable used to form
> the stubs, and not by reactance cancellation from parallel-connected
> coaxial stubs(Ref 122).

>

> Some fuel to stoke the fires.....

> Some food for thought....

>

> Larry KA5T lewise@inetport.com Georgetown, Texas

--

Recipient of coveted Samuel F. B. Morse Award, NTTC Pensacola, FL 1977.
72/73 de we6w qrp es CW ONLY; Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (From Non-Ham to Extra in one Day.)

Date: Tue, 20 Jan 1998 11:09:55 -0800 (PST)
From: Monte Stark <ku7y@sage.dri.edu>
To: Ed Loranger <we6w@qsl.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [1492] Re: Keyer wiring convention
Message-ID: <Pine.SUN.3.90.980120110213.17620E-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

All this talk about thumb/finger dits and ect have made me think.... (No comments)!

I was watching my hand send last night in the fox hunt.

No way can I tell you what I was doing! My hand just sent the code.

If you are having to think about pushing/releasing/squeezing the paddles, you need to do a lot more sending!

(I also think that if you can feel the paddles move, you have way too much space!)

Grab a good magazine or book, start reading and sending. Try to pay attention to the book and know what you are reading. Let your hand send the CW.

With the loss of the sending test, too many people seem to think that if you can copy CW, you can send CW! Not quite that simple!

Sending is another skill that needs to be developed. That means do it, do it and do it some more!

Try with both hands, (one at a time), because one might like it better than the other. Try the paddle both ways. See what you like.

But I'd start with the "normal" setup. Main point is to get where you don't know what your hand is doing! I have no idea if I use Iambic keying or not! It just happens!

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Tue, 20 Jan 1998 11:13:26 -0800
From: W7LS <w7ls@blarg.net>
To: cjl@mail09.mitre.org
Cc: qrp-l@Lehigh.EDU
Subject: [1493] Re: Unknown Mode/Noise
Message-ID: <34C4F756.23DD@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Chuck,

Yes, I noticed it the other night on about 3703 out here in Washington State. Extremely loud. 30 over 9 at 11:30 pm. Another guy out here also heard it. Almost loud enough to peel the paint off of the walls in the shack. Wierd. May have to make up a loop to get a direction on it.

Anyone else hear it? 73 de Jim, W7LS

Charles J. Ludinsky wrote:

>
> During the last week or so, the frequencies from about 3.684 to 3.688 have been
> unusable here at times, with an S9+10 signal that sounds like a spread spectrum
> mode. It is certainly not RTTY or any "normal" data mode, sounding more or
> less like background noise, except for a slight regularity that makes it
> identifiable as a modulated signal.
>
> Anyone have any idea what this might be? Has anyone else noticed this, or is
> it strictly a local problem?
>
> 72 DE Chuck, K1CL

Date: Tue, 20 Jan 1998 11:31:11 -0800
From: Bob Bayha <rbayha@ix.netcom.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [1494] Re: Receiver trouble shooting (LONG)
Message-ID: <34C4FB7F.264B32D1@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I also think this is a great idea!

Michael Maiorana wrote:

> John Bohnert wrote:
>
> > What if there were a QRP kit (eg. Norcal 40) which would become the
> > "platform" for the construction of simple test equipment (kits?) with
> > the use of QRP-L for a "series" of lessons by helpful Elmer's in the
> > world of QRP? The sessions would support the successful completion of
> > the QRP rig and lead to a greater understanding of the how the rig
> > functions...

-----snip-----

Date: Tue, 20 Jan 1998 12:49:12 -0800
From: Brian Kassel <bkassel@dancris.com>
To: mikemo@ibm.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [1495] Elmer Kit (Long)
Message-ID: <34C50DC8.3D77@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Michael Maiorana wrote:

>
> John Bohnert wrote:
>
> > What if there were a QRP kit (eg. Norcal 40) which would become the
> > "platform" for the construction of simple test equipment (kits?) with
> > the use of QRP-L for a "series" of lessons by helpful Elmer's in the
> > world of QRP? The sessions would support the successful completion of
> > the QRP rig and lead to a greater understanding of the how the rig
> > functions...and I would argue help provide a new vitality in amateur
> > radio...interest in QRP is booming and such a strategy would satisfy a
> > fundamental aspiration of many of us who pursued our tickets.
>
> Yes! That is a wonderful idea. Any volunteers? (BTW, I am the "Mike"
> that he refers to ;-)
>
> > If successful the use of kits, other than rigs (eg. battery chargers,
> > solar chargers, keyers...highly related to QRP activity) might form the
> > basis for such a series of Elmer-beginner conversations.

John, Mike et all:

The ScQRPions have been tossing around an idea similar to what you have been discussing. So far we have several good ideas, but have not yet come up with a single effort towards actually producing a kit.

At this time we are simply brainstorming for ideas.

I would like to see as many ideas here as possible. Then maybe we can begin to distill down the ideas to some sort of kit/project that folks could find the most useful and educational.

Among the ideas that I have seen discussed:

1.) A useable, but simple, transceiver kit that would have it's PCB layed out exactly like a schematic. Each section of the rig would be tested indepedently, and have a good, simple explanation of the function of each component, with ideas on possible parts tolerance, substitution etc. The student would then easily relate each component of the radio to the schematic and visa versa.

2.) A series of simple module-like kits, such as an audio amp, a crystal oscillator, a mixer etc. Each kit would be very thoroughly documented, with reasonable explanations of each component, how to substitute another part, the pluses and minuses of doing so etc. Although each kit would be autonomous, several kits could be "plugged" together to make a real device. All input and output impedances would be kept to some sort of ballpark standard to allow as much flexibility as possible. If a person decides to improve, or to build another, more complex, device, they would simply purchase whatever modules that they would need and "re-plug" them together in a different configuration. As folks move up the learning curve, they could sell/trade for other types of these simple boards.

The object would be to learn through doing/substituting parts etc.

The object would not be to end up with the next rig to end all rigs.

We all know that there are many truly great kits out there that easily fill that need.

The idea of attempting to have on hand so many different PC bords is not very attractive to me. How about if *very detailed* construction documents were supplied along with a standard sized square of blank PCB. In addition, small cut out pieces of PCB would be supplied to be glued onto the blank PCB to act as connection points. Several QRP-1 members have been using this technique for years (me included), and it works well. Why?

As it turns out, in RF work, many connections simply go to ground, and those components can be used as stand-offs for other parts that are not grounded at one end. The "PC islands" are only needed

whenever a connection can't be made to a grounded component.
Again, as it turns out, not many "islands" are needed in most circuits.

Of course other options might be to include an actual PCB layout on Blue PNP paper etc., so as to let the student actually etch the board.

sooo.....

How do you all feel about any of this?

Which method(s) is/are best?

How much would you want to spend per module or kit?

Are there really enough folks out there who want to learn various RF topics,
and be willing to actually buy/build some sort of kit that would allow elmering via the QRP-1 etc.?

--

Brian Kassel W5VB0
ARCI # 3623
Phoenix AZ ScQRPions

Date: Tue, 20 Jan 1998 13:04:25 -0700
From: Tim Pettibone <tpettibo@NMSU.Edu>
To: ji3m@maxwell.com
Cc: qrp-1@Lehigh.EDU
Subject: [1496] Re: How I live with Deep Cycle Batteries
Message-ID: <3.0.2.32.19980120130425.0069f5d0@cnmailsvr.nmsu.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I second everything Duffey has to say. My main power (ever since my Astron went belly-up and stopped regulating - got to fix that one of these days) has been the same as he has. But I also use my battery for running a trolling motor on a fishing boat! So far, so good. The battery is great for about a week running QRP. My sources say that a fully charged battery will be about 12.67 volts and 12.45 is about 75%. At around 12.25 it's 50% and probably should be charged. When your commercial power goes out it's really nice to be able to get the station on the air. By the way, the voltage measurements are made a couple of hours after charging and with no load. Sometimes I do the trickle charge at 2 amps or 10amps for the

regular charge. Your mileage may differ...

Tim K5OI
Las Cruces, NM

Date: Tue, 20 Jan 1998 20:08:11 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [1497] Raspy Morse sigs from afar...
Message-ID: <34C5042B.287C@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well it's starting to bother me so hopefully someone else
heard this too.

About two weeks ago on a Friday or Saturday night, I went out
to the shack at about Midnight Local time PST, 0800Z or there about.

I turned on the rig, and there near the 7040 freq were these weak
and raspy/chirpy morse signals.

Really Bad code. The letter 'C' was N N. And No ham signals such
as AR BK etc... They just kept breaking into eachother, almost like
it was the same person answering himself. I don't know if it was
my military background, but soon I was deciphering what was being
sent. I got 3 stations and at one time they were refering to
a third station.

Callsigns I recall are: OBS, NNM; I can't remember the other two.

They were sharing some traffic, some numbers and also some repeats
by the other station. I started getting good copy after about 45
minutes.

"NO" was sent clearly when text was improperly copied. Also, I noticed
sometimes they accidently sent 'too good' code and it seemed they
worked hard to send code such that only their circle of similar
operators could copy well.

You should have heard all this raspy/buzzing code -- like a melee

in a bar. I sent ONE QRZ? de we6w and they all disappeared!

Anyone else hear this. About 2 weeks ago.

72,

Ed

--

Recipient of coveted Samuel F. B. Morse Award, NTTC Pensacola, FL 1977.

72/73 de we6w qrp es CW ONLY; Member: QRP-L/ARCI/Norcal/ARS/AR

<http://www.qsl.net/we6w> (From Non-Ham to Extra in one Day.)

Date: Tue, 20 Jan 1998 14:14:32 -0600

From: "Jeff M. Gold" <JGold@tntech.edu>

To: QRP-L <qrp-l@Lehigh.EDU>

Subject: [1498] [Fwd: SG-2020]

Message-ID: <34C505A8.5B2F8676@tntech.edu>

MIME-version: 1.0

Content-type: multipart/mixed; boundary="-----DB1E3A301EE0FD8725402800"

This is a multi-part message in MIME format.

-----DB1E3A301EE0FD8725402800

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Looks like the K2 may be out before the 2020

--

Jeff M. Gold, Manager

Academic Computing Support

Tennessee Technological University

(615)372-3979

-----DB1E3A301EE0FD8725402800

Content-Type: message/rfc822

Content-Transfer-Encoding: 7bit

Content-Disposition: inline

Return-path: <SGCMKTG@aol.com>

Received: from tntech.edu (SYSTEM@ttumis.tntech.edu)

by tntech.edu (PMDF V5.1-10 #24187)

with ESMTP id <01ISLOQ6N8528WWU9Q@tntech.edu> for JMG@tntech.edu; Tue,
20 Jan 1998 13:51:19 CST

Received: from ttumis.tntech.edu by ttumis.tntech.edu (PMDF V5.1-10 #24187)

id <01ISLOPSQ2G20016X0@ttumis.tntech.edu> for JMG@GEMINI.TNTECH.EDU; Tue,
20 Jan 1998 13:51:01 -0600 (CST)

Received: from tntech.edu (SYSTEM@gemini.tntech.edu)

by ttumis.tntech.edu (PMDF V5.1-10 #24187)

with ESMTP id <01ISLOPRKKU4000ZBP@ttumis.tntech.edu> for
jgold@ttumis.tntech.edu; Tue, 20 Jan 1998 13:51:00 -0600 (CST)
Received: from mrin54.mail.aol.com ("port 1331"@mrin54.mx.aol.com)
by tntech.edu (PMDF V5.1-10 #24187)
with ESMTP id <01ISLOP8ZXUY8WWU9Q@tntech.edu> for jgold@ttumis.tntech.edu;
Tue, 20 Jan 1998 13:50:35 -0600 (CST)
Received: (from root@localhost) by mrin54.mail.aol.com (8.8.5/8.7.3/AOL-2.0.0)
id 0AA22712 for JGold@tntech.edu; Tue, 20 Jan 1998 14:50:03 -0500 (EST)
Date: Tue, 20 Jan 1998 14:50:03 -0500 (EST)
From: SGCMKTG@aol.com
Subject: Re: SG-2020
Resent-to: JGold@tntech.edu
To: JGold@tntech.edu
Resent-message-id: <01ISLOPSQ6GK0016X0@ttumis.tntech.edu>
Message-id: <980120145003_-1030670024@mrin54>
X-VMS-To: IN%"JGold@tntech.edu"
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII

Dear Mr. Gold,

Thank you for your e-mail and continued interest in the SG-2020.

We will begin shipping a limited quantity of January 28, so be looking for
your SG-2020 within the next 60 days!

Stay tuned to the web site at sgcworld.com for the latest up to date
information.

Best regards,
STephanie Deatrich

-----DB1E3A301EE0FD8725402800--

Date: Tue, 20 Jan 1998 14:22:22 -0600
From: "Jeff M. Gold" <JGold@tntech.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [1499] Dan's NW8080
Message-ID: <34C5077E.73D82A35@tntech.edu>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Good afternoon all.

well these are comments, not complaints. I went into the purchase of the kit knowing pretty much what to expect.

I started on my NW80, 80 meter kit that I got for Christmas. It was one of the special deals with RS enclosure included. The board isn't too badly screened, but there are a number of mislabellings on it. The page of corrections to the board and instructions seemed real straight forward. I marked them on the board and in the manual. Some mislabelling, and some missing traces. I was disappointed to find a number of used parts, still with the solder on them. The crystals were all of different brands and probably real different in characteristics. The small board for the audio filter is not screened at all, and haven't seen anything like it in quite a while (you interpet).

The board didn't have holes drilled, nor did I get hardware to mount the main tuning cap. I just drilled a couple of holes and used two of the standoff bolts and put a wire from the ground hole to one of the screws. Finished off the VFO section. After I took one winding off the coil, it came up right on frequency.

Think this kit will be a challenge.

think about a year ago I built one of the Dan's NW8020, after corrections it worked real well.

72,

Jeff, AC4HF

--

Jeff M. Gold, Manager
Academic Computing Support
Tennessee Technological University
(615)372-3979

Date: Tue, 20 Jan 1998 15:26:26 -0500
From: "Paul Christensen" <paulc@mediaone.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [1500] EleCraft K2 Transceiver Info
Message-ID: <03ab01bd25e1\$b04f53a0\$502c8118@jaxadmin2-89.se.mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="US-ASCII"
Content-Transfer-Encoding: 7bit

For those of you interested in Wayne's (N6KR) next-generation transceiver, click here:

<http://www.elecrafter.com/>

I came across the EleCraft web page when doing a search-engine look-up this weekend. From what I can tell, the K2 will be an interesting alternative to the Ten-Tec Scout, SGC-2020, and the new, smaller Japanese rigs.

-Paul, W9AC

Date: Tue, 20 Jan 98 20:36:48
From: "KA5T Larry Wise" <lewise@inetport.com>
To: "qrp" <qrp-1@Lehigh.EDU>
Subject: [1501] Searching Back issues.....
Message-ID: <199801202039.0AA20831@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Gang:

Doug's recent note about the form of the older QST CDROMS reminded me of the problems I used to have looking for stuff in back issues of the various mags, even with the 10 year indexes.....

Rich Rosen, K2RR, used to have a company called 'didah publishing' that put out a software program called 'From Beverages thru Oscar A Bibliography 1909-1990' which indexed QST, CQ, HR, 73, and RadCom through the years through 1990....

This program sure made it easy to look up things in back issues....

Last I heard from didah publishing was in 1991 when I ordered version 2 of the program.....

Anybody heard of them lately?????

Sure wish I had updates for 1991 to the present.....

If you have a chance to pick up a copy at a hamfest you might consider it....Runs under DOS....Nothing fancy...just works.....

Larry KA5T lewise@inetport.com Georgetown, Texas

Date: Tue, 20 Jan 1998 13:47:31 -0700
From: tom whalen <whalen@swcp.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [1502] Roy Gregson
Message-ID: <34C50D63.B4C@swcp.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Folks, wondering if Roy Gregson of Emtech has a different email address than roygregson@aol.com? I have sent a couple of emails to him with no response. Thanks, Tom WB5QYT

Date: Tue, 20 Jan 1998 16:45:59 -0500 (EST)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: qrp-1 <qrp-1@Lehigh.EDU>, eax@w3eax.umd.edu, Laurel ARC <larc-1@webtrek.com>, VHF Mailing list <vhf@w6yx.stanford.edu>
Subject: [1503] Proposed: Ten-Tec kits group buy?
Message-ID: <Pine.LNX.3.95.980120163501.24167C-1000000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

As a group, we save 10% on all kits they have in production!

There's a minimum order of \$500.

I would like to know of interest as we'd have to meet this minimum.

Their kits include the 1330, 1340, and 1380 QRP xcvrs, 2 & 6m transverters, VHF FM rigs, a wattmeter, an artificial ground, a dummy load, and some module boards.

Check out www.tentec.com for more info and pricing, then subtract 10% for the group purchase price. Their manuals are wonderful, and their equipment is well-designed and supported.

Interested? Let me know so that I can put together such a purchase.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
* 6m 82 grids on 8w * DXCC WAS WAC * QRP-L #147 * QRP ARCI #9054 *
* <http://w3eax.umd.edu/~ham> * ARRL Life Member /Laurel ARC/UMARA *
*** 301-549-1022 h 301-982-1015 w *** 35 wpm HF mobile CW Neon ***

Date: Tue, 20 Jan 1998 16:04:09 -0500 (EST)
From: Bob Patten <n4bp@bc.seflin.org>
To: "Michael A. Gipe" <mgipe@reliablemeters.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [1504] Re: Keyer wiring convention
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 20 Jan 1998, Michael A. Gipe wrote:

>
> You may be right about the physiology of the task. Maybe this is just
> another example of poor ergonomic design that got 'standardized', like the
> QWERTY typewriter?
>

Having taken touch typing in high school - admittedly MANY years ago, so
my memory may have faded a bit - I seem to recall that the QWERTY (Mike,
you spelled it wrong :-)) keyboard was very carefully laid out
according to statistics on how often each key was used...
Maybe, like me, many others, have fallen into the two finger typing method in
which the QWERTY keyboard may not be ideal.
As far as dit/dah configuration, this has been my observation.. My thumb
and index finger maintain the same spacing so that all sending is done
with my wrist. In my case, thumb "dexterity" is not a factor. And it
usually sends the numbers of dits that I tell it to. :-)

73,

Bob Patten, N4BP

(0 0)

Plantation, FL

-----o00o-()-o00o-----

E-Mail: n4bp@bc.seflin.org
Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>
Brass Pounder BBS: (954) 472-7715

Date: Tue, 20 Jan 98 21:18:08
From: "KA5T Larry Wise" <lewise@inetport.com>
To: "qrp" <qrp-1@Lehigh.EDU>
Subject: [1505] Re: Keyer wiring convention
Message-ID: <199801202126.PAA23709@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

On Tue, 20 Jan 1998 11:09:55 -0800 (PST), Monte Stark wrote:

>
>I was watching my hand send last night in the fox hunt.
>
>No way can I tell you what I was doing! My hand just sent
>the code.
>

Man there is no way I can watch my hand send code....Just as soon
as I begin to realize that I'm watching it...everything goes in the dumper..

Larry KA5T lewise@inetport.com Georgetown, Texas

Date: Tue, 20 Jan 1998 16:28:22
From: Roger Braker <msebrakr@telepath.com>
To: bkassel@dancris.com
Cc: qrp-1@Lehigh.EDU
Subject: [1506] Re: Elmer Kit (Long)
Message-ID: <3.0.1.16.19980120162822.44efcf40@telepath.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Brian,(and the list)
I think that this would be great Idea. In the 92(I think) ARRL handbook,
they had the skiz for a pretty detailed reciever. It looked like you could

build it in interconnected modules. If someone wanted to(not me, as I have only been a ham for a short time) ad the TX section and related changes, (TR switching, VFO pulling, RX muting ect, ect ect) I think it could be a great kit. I think about \$15 would be good for the more complicated sections and about \$7(at most) for the the BFO and similare sections. The handbook also metioned an article in QST(about 89) where they went from a simple DC RX to a complicated superhet. That might be another possibility. Maybe somebody should just re-create Heath Kit:-) I would be exreamly interested in learning about theory and such stuff.

My \$.02 worth

73,
Arnold kd5ckh

At 12:49 PM 1/20/98 -0800, you wrote:
<snip>

>How do you all feel about any of this?
>
>Which method(s) is/are best?
>
>How much would you want to spend per module or kit?
>
>Are there really enough folks out there who want to learn various RF
>topics,
>and be willing to actually buy/build some sort of kit that
>would allow elmering via the QRP-1 etc.?
>
>
>--
>Brian Kassel W5VB0
>ARCI # 3623
>Phoenix AZ ScQRPions
>
>
>

Date: Tue, 20 Jan 1998 21:31:22 +0000
From: Ed Loranger <we6w@qsl.net>
To: n4bp@bc.seflin.org
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [1507] Re: Keyer wiring convention

Message-ID: <34C517AA.6EDC@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Friends, This seems to be the final word. Mike Gipe also mentioned to me that the Wrist should be the primary factor.

Here are some papers I have digested on the subject.

Adjusting/sending with a bug:
http://fohnix.metronet.com/~nmcewen/bug_adjust.html

Learning/using Morse code:
<http://www.mtechnologies.com/cqc>

Iambic modes:
<http://personal.riverusers.com/~foxes/W9KNI.html>

This has been a fun discussion.

Best Success to all.
-Ed

Bob Patten wrote:
> As far as dit/dah configuration, this has been my observation.. My thumb
> and index finger maintain the same spacing so that all sending is done
> with my wrist. In my case, thumb "dexterity" is not a factor. And it
> usually sends the numbers of dits that I tell it to. :-)

--

Recipient of coveted Samuel F. B. Morse Award, NTTC Pensacola, FL 1977.
72/73 de we6w qrp es CW ONLY; Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (From Non-Ham to Extra in one Day.)

Date: Tue, 20 Jan 1998 16:33:29 EST
From: AA3BP <AA3BP@aol.com>
To: qrp-l@Lehigh.EDU
Cc: BobWicks@aol.com
Subject: [1508] FS: NorCal Cascade
Message-ID: <46ed7c62.34c5182b@aol.com>
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

I have been asked by fellow QRP'er W3HAH (who is not on this list) to offer

his ****unbuilt**** NorCal Cascade 20/80 meter SSB QRP kit for sale. This kit is in the original "as received" condition.

Bob asks \$179 for this kit, shipping included anyway in the 48.

Please contact Bob via email direct at Bobwicks@aol.com for further information.

73,

Jim

Date: Wed, 21 Jan 1998 08:34:22 +1000
From: lenriquez@pacific.simoco.com (Luke Enriquez)
To: qrp-l@Lehigh.EDU
Subject: [1509] Sierra Band Module Alignment
Message-ID: <000079DA.4068@pacific.simoco.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Description: cc:Mail note part

G'day All,

I know there has been a lot of talk about the variable band module powers with the Sierra. I have just joined Norcal, so I don't have access to previously published notes about these problems, so forgive me if I am repeating anything.

I took the Sierra and the 80, 40 and 20 modules to work. Hooked it all up to a Tektronix Spectrum Analyser. The band modules had been previously peaked using a QRP wattmeter. The 80 and 20 modules looked good, spectrally pure, so to speak. I could peak 20 just a little bit more, but not much. 40 m came up quite a lot, except when I started the sidebands were quite high. I noticed all modules had a high Q (Thanks to Adrian VK3FHH who redid some critical coils for me. :)).

I can see why tuning using a wattmeter can lead to variable results. It did not take much of a turn in the trimmer caps for the sidebands to raise 20dBm and carrier drop 20dBm. I'm assuming you couldn't see this type of effect with a wattmeter. Am I wrong? Unfortunately, I didn't have time or access to a wattmeter. I didn't measure how far away the sidebands were, but there were a set of three distinct peaks either side of the carrier. Properly tuned, they were about 50 dB down from the carrier. Where do they come from? Is this

what it should look like? QRP elmers, please let me know.....

Regards and 73's,
Luke
VK3EM

Date: Tue, 20 Jan 1998 17:11:00 -0500
From: "Swanson, Glenn, KB1GW" <gswanson@arrl.org>
To: "'QRP Reflector (postings)'" <qrp-1@Lehigh.EDU>
Subject: [1510] School Club Roundup announcement
Message-ID: <m0xuls6-000Z1VC@mgate.arrl.org>

Greetings fellow hams,
The following will no doubt be of interest to some in the QRP community.
Sincere 73, Glenn Swanson, KB1GW
ARRL Educational Activities Department

Yea! It's School Club Roundup Time

Carol Sharp, KC5JEM, and Jim Sharp, W5AP, sponsors of the Heritage Middle School Ham Radio Club, Colleyville TX, report: "The kids love to compete and really get excited. We demonstrate techniques for making contest contacts, and draw up a schedule so that everyone takes turns operating. Some get tongue-tied, but all come away with better communication skills, and have a good time. We encourage students from overseas to make contact with their home countries -- we had QSOs in German, French, Mandarin and Spanish. You should have seen one student's face when he called CQ in Spanish, and a ham from his hometown in Venezuela answered!

During SCR, if hams want to activate their schools but not get many students involved, I encourage them to enter in the Individual Category, since they as adults are competing with students. SCR is a great student involvement/ham radio activity, and I thank N2RQ for organizing it." Rob Welsh, N3RW, at the High School for Engineering and Science ARC, said, "Prior to SCR, we run training sessions and give students a script containing a typical SCR exchange, Q-codes, and the ICAO phonetic alphabet."

The SCR is sponsored by the Council for the Advancement of Amateur Radio in the New York City Schools (CAAR/NYCS), the ARRL and the Hudson Division Education Task Force. In response to suggestions, CAAR/NYCS has changed the 1998 rules to: SCR operating times are now any time of day, with a new limit of 6 hours in any 24 hour period, which should increase DX activity. Also, we will issue separate award certificates for elementary,

middle school, high school and college/university levels for US and DX entries. We encourage ops to take time to chat beyond the contest exchange. Rules:

1. Object: Stations work as many stations as possible, especially school clubs.
2. Contest Period: 1300 UTC Monday, Feb. 9, to 0100 UTC Saturday, Feb. 14. Operate no more than 24 of the 108 hours, with a maximum of 6 hours in any 24 hour period. Logs must show on and off dates and times; off periods must be at least 30 minutes.
3. Classes: Single transmitter only:
 - (I) Individual or Single Operator (non club)
 - (C) Club or Multioperator Group (non school) -- Multiop Groups can use only one call sign.
 - (S) School Club or Group (grades K 12, college or university) Any station operated at school, and those formed for the sole purpose of operating the SCR.
4. Exchange: Call sign, RS(T), class (I, C or S), US state or DX country.

An example, N2RQ DE W2CXN 57(9) S NY.

5. Scoring: You may work stations once each on phone and CW (digital modes count as CW). No repeater contacts except satellite and "real-time" packet. Score 1 point for each phone QSO and 2 points for each CW QSO. Multiplier: [Number of states plus number of DXCC countries] plus [2 x number of class C QSOs] plus [5 x class S QSOs]. QSOs with school stations are given a multiplier of 5, making them the most desirable stations to work. Contacts with KA2NRR count as a 5x multiplier. (KA2NRR was the creator of the contest that became the SCR). Final Score: Multiply QSO points by multiplier. PLEASE use the SCR summary form to avoid errors, especially for your first time in the SCR. (See 6 below.)

Suggested HF Frequencies (kHz): Use all amateur bands except 30, 17 and 12 meters. Do not use VHF or UHF repeaters nor the national calling frequency (146.52 Mhz). Only use recognized simplex frequencies such as 144.90-145.00; 146.49, .55, 58; and 147.42, .45, .48, .51, .54 and .57 MHz.

CW	Phone
1800 to 1810	1855 to 1865
3530 to 3580	3850 to 3880
7030 to 7080	7225 to 7255
14,030 to 14,060	14,250 to 14,280
21,050 to 21,080	21,300 to 21,330
28,050 to 28,080	28,550 to 28,580
Novice CW	Novice Phone
3685 to 3705	28,350 to 28,400
7110 to 7130	
21,110 to 21,130	
28,110 to 28,130	

6. Reporting: For IBM and compatibles software (SCR-LOG Ver.3.x written by AD8B), email requests to caarnycs@aol.com. Download SCR-LOG from

<http://www.acs.oakland.edu/barc.html>
Select > The BARC Archives
> PC stuff
> logging/
> SCR LOG.ZIP

Or send a large self-addressed stamped envelope (SASE) or a label and postage for log and entry forms to SCR, c/o Lew Malchick, N2RQ, Brooklyn Technical HS, 29 Ft Greene Pl, Brooklyn, NY 11217. Logs must include exchange information, bands and signatures of all ops and authorized club official or trustee. Indicate total hours and operator/loggers, and type of school. Dupe sheets are required for entries over 100 QSOs. Computer entries on disk are preferred (use SCR-LOG or the ARRL Suggested Standard File Format) -- label the file names and formats. If you aren't sure Lew can handle your file, call or write to ask. Postmark entries to Lew by March 16, 1998 (30 days after end of SCR).

7. Awards: Certificates for the top three entries in each class; School Club class is divided into elementary, middle, high school and college/university. DX is listed separately at the end of US entries. A special certificate is awarded to any station working 10 or more school clubs. Send a large (9 x 12 inch) SASE or a mailing label and sufficient postage or IRCs for complete results and information about CAAR/NYCS. We have always sent a certificate for each entry, but with increased participation and workload, entrants who don't send appropriate postage, envelope and mailing label may not get a certificate.

eof

Date: Tue, 20 Jan 1998 17:53:57 EST
From: Bigbob97 <Bigbob97@aol.com>
To: QRP-L@Lehigh.EDU
Subject: [1511] Fwd: [Fwd: Fwd: WOMEN]
Message-ID: <e24694cf.34c52b0a@aol.com>
Mime-Version: 1.0
Content-type: multipart/mixed;
boundary="part0_885336839_boundary"

This is a multi-part message in MIME format.

--part0_885336839_boundary
Content-ID: <0_885336839@inet_out.mail.aol.com.1>
Content-type: text/plain; charset=US-ASCII

How do you like these?
Bob

--part0_885336839_boundary
Content-ID: <0_885336839@inet_out.mail.aol.com.2>
Content-type: message/rfc822
Content-transfer-encoding: 7bit
Content-disposition: inline

Return-Path: <ROR01@webtv.net>
Received: from relay21.mail.aol.com (relay21.mail.aol.com [172.31.106.67]) by
air13.mail.aol.com (v37.8) with SMTP; Mon, 19 Jan 1998 22:44:09 -0500
Received: from mailsorter-105.bryant.webtv.net
(mailsorter-105.iap.bryant.webtv.net [207.79.35.95])
by relay21.mail.aol.com (8.8.5/8.8.5/AOL-4.0.0)
with ESMTP id WAA07110;
Mon, 19 Jan 1998 22:34:17 -0500 (EST)
Received: from mailtod-142.iap.bryant.webtv.net
(mailtod-142.iap.bryant.webtv.net [207.79.35.129]) by
mailsorter-105.bryant.webtv.net (8.8.5/ms.gso.08Dec97) with ESMTP id
TAA11819; Mon, 19 Jan 1998 19:34:16 -0800 (PST)
Received: (from production@localhost) by mailtod-142.iap.bryant.webtv.net
(8.8.5/mt.gso.08Dec97) id TAA09376; Mon, 19 Jan 1998 19:34:16 -0800
(PST)
Message-Id: <199801200334.TAA09376@mailtod-142.iap.bryant.webtv.net>
From: ROR01@webtv.net (ROSEMARIE FRITZ)
Date: Mon, 19 Jan 1998 22:34:16 -0500
To: Sssike@AOL.COM, paula_rattner@tvratings.com, Pearlva@AOL.COM,
FCAP0123@AOL.COM, LKD97@AOL.COM, Cuddlestee@AOL.COM, JSNPS2@AOL.COM
Subject: Fwd: [Fwd: Fwd: WOMEN]
Mime-Version: 1.0
Content-type: multipart/mixed;
boundary="part1_885336839_boundary"

--part1_885336839_boundary
Content-ID: <0_885336839@inet_out.mail.aol.com.3>
Content-type: text/plain; charset=US-ASCII

--part1_885336839_boundary
Content-ID: <0_885336839@inet_out.mail.aol.com.4>
Content-type: message/rfc822
Content-transfer-encoding: 7bit
Content-disposition: inline

Return-Path: <ROR01@webtv.net>
Received: from relay21.mail.aol.com (relay21.mail.aol.com [172.31.106.67]) by
air13.mail.aol.com (v37.8) with SMTP; Mon, 19 Jan 1998 22:44:09 -0500
Received: from mailsorter-105.bryant.webtv.net
(mailsorter-105.iap.bryant.webtv.net [207.79.35.95])
by relay21.mail.aol.com (8.8.5/8.8.5/AOL-4.0.0)

with ESMTP id WAA07110;
Mon, 19 Jan 1998 22:34:17 -0500 (EST)
Received: from mailtod-142.iap.bryant.webtv.net
(mailtod-142.iap.bryant.webtv.net [207.79.35.129]) by
mailsorter-105.bryant.webtv.net (8.8.5/ms.gso.08Dec97) with ESMTP id
TAA11819; Mon, 19 Jan 1998 19:34:16 -0800 (PST)
Received: (from production@localhost) by mailtod-142.iap.bryant.webtv.net
(8.8.5/mt.gso.08Dec97) id TAA09376; Mon, 19 Jan 1998 19:34:16 -0800
(PST)
Message-Id: <199801200334.TAA09376@mailtod-142.iap.bryant.webtv.net>
From: ROR01@webtv.net (ROSEMARIE FRITZ)
Date: Mon, 19 Jan 1998 22:34:16 -0500
To: Sssike@AOL.COM, paula_rattner@tvratings.com, Pearlva@AOL.COM,
FCAP0123@AOL.COM, LKD97@AOL.COM, Cuddlestee@AOL.COM, JSNPS2@AOL.COM
Subject: Fwd: [Fwd: Fwd: WOMEN]
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

HEY GIRLS,
HOPE YOU LIKE THESE
LOVE ROE

Message-ID: <34C39337.8CA@earthlink.net>
Date: Mon, 19 Jan 1998 12:53:59 -0500
From: Debbie M <dmahoney@earthlink.net>
Reply-To: dmahoney@earthlink.net
X-Mailer: Mozilla 3.0C-NSCP (Win95; U)
MIME-Version: 1.0
To: Annette <happy-girl@msn.com>, wedge_antilles@email.msn.com,
tcrocker@ca.oracle.com, sacto@ix.netcom.com, less@softcom.net,
lcaco@snet.net, THELIME@msn.com, lainyboo@aol.com, "_Chris (wheels)"
<masson510@msn.com>, ntriguer@aol.com, ROR01@webtv.net, dippity2@juno.com,
_Merlina_Merlin@msn.com, pheeAnn@msn.com, AmericanFlyer1@msn.com,
princyann@msn.com
Subject: [Fwd: Fwd: WOMEN]
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

thought some of these were good :)

Lynbosky wrote:

>

>
> A little something for women.
>

Date: Tue, 20 Jan 1998 16:03:17 -0600
From: Larry Cruise <Larry.Cruise@MCI.Com>
To: "'QRP-L'" <qrp-l@Lehigh.EDU>
Subject: [1513] RE: WorldRadio Books
Message-ID: <01BD25BC.F0425400@lcruiase.ns.mci.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

Hi Dave,

<1. 'Little Pistol's Guide to HF Prop.' by Robert Brown, NM7M

This is an excellent book and a good value. It however is not a =
beginners guide to propagation. If you understand the propagation =
chapters in the ARRL Antenna book or Handbook and want more detailed =
info you are ready to move on to this book.

-72 Larry (AA5TA)

Date: Tue, 20 Jan 1998 17:54:03 EST
From: Shephed <Shephed@aol.com>
To: qrp-l@Lehigh.EDU
Subject: [1514] Correction to N/T+ Log for 1/19/98
Message-ID: <2b4f3f07.34c52b0e@aol.com>
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Slight correction on my report:

I reported Mabel, K0EUM in Ia., her call is N0EUM, sorry my typo.

Mabel's husband Jerry, WB0T told me in an E-mail "I am just as pleased as I
can be, for Mabel is my XYL, and somewhat key shy! I was extremely pleased to
see her get a fox contact, even if it was partial."

Let me add that since I started working HF back in May of 97, Mabel is the
first YL that I have worked, and I too am proud of her.

Way to Mabel, could you be the next Fox????

72, 73

Dan, N8VZU
QRP-L #1404

Date: Tue, 20 Jan 1998 16:24:03 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@Lehigh.EDU
Subject: [1515] Re: Keyer wiring / Odd Human Features
Message-ID: <199801202324.QAA06767@usr06.primenet.com>

Howdy,

Larry (KA5T) wrote:

>

> Man there is no way I can watch my hand send code....Just as soon
> as I begin to realize that I'm watching it...everything goes in the dumper..

This must fall under the same bizarre phenomena as
not being able to tickle yourself. :)

Actually I've found that I'm completely incapable
of talking and sending code at the same time. Not
even CQ. It's like both activities are tying up
the high-level language grey-matter processors
at 100% duty cycle. No sharing allowed. It seems
as if I can *copy* code in my head while either
speaking or listening to someone else (or so I
have my wife believing ;-)), but that may be more
due to rapid "time-slicing" of attention vs any
kind of true multiplexing on my part.

One more data point for the David Letterman "Stupid
Human Tricks" file. :-)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"The next great court case: Families of politicians
sue the creators of 'George of the Jungle' for
contributing to the skiing deaths of two politi-
critters." -- AB7TT

Date: Tue, 20 Jan 1998 18:27:28 -0500
From: "Dean Marzocca" <n2tnn@ifu.net>
To: <ku7y@dri.edu>
Cc: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [1516] Re: Fox again 1-21-98
Message-ID: <199801202329.SAA12402@ifu.ifu.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I will start high about 7.041

Sorry I forgot to post it.....

Not like I was trying to hide or something.....

72/73 Dean N2TNN NJ
n2tnn@ifu.net

> From: Monte Stark <ku7y@sage.dri.edu>
> To: n2tnn@ifu.net
> Subject: Re: Fox again 1-21-98
> Date: Monday, January 19, 1998 11:52 PM
>
> Hi Dean,
>
> Freq??
> --
> 73, Ron, KU7Y
>
> NRA Life-----Ex W6JX0, DL4RF, N7CRV-----SOWP #5545-M
> QRP QRCI #8829----NorCal #330----QRP-L #17-----ARS #49
> AR QRP #150-----DM09cg-----New Washoe City, NV

Date: Tue, 20 Jan 1998 23:35:14 +0000
From: Ed Loranger <we6w@qsl.net>
To: vole@primenet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [1517] Re: Keyer wiring / Odd Human Features
Message-ID: <34C534B2.420@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

A few respondents mentioned the Wrist does all the work.
Now someone reminded me of Iambic squeeze keying.

Man, there's a lot going on differently at everyone's
QTH --Hi!

More comments below....

Joe Gervais wrote:

> Actually I've found that I'm completely incapable
> of talking and sending code at the same time.

Last night I practiced for 3 hours on the bug. Had the
OHR-rig sidetone and also listened to RF leakage of my
signal on my Drake TR-3. Finally, after 3 hours of
no QSO's, I decide to have a CQ and someone answers....
Just as the XYL decides it's time I QRT, and she
was about to break my headphones!!!

So I unplugged, but listened to the QRP sig on the
low volume speaker, nodding in agreement, Uh Huh,
etc..... Arguing about my oldest and him NEEDING
his Drivers' license -- NOT!

I was able to headcopy the QSO, acknowledge the card
he's sending etc. and my XYL didn't catch on! And I
didn't even do the usual 'Blank Stare' that gives me
away. Fun!

I'm sure you can do it joe.

Cuz, I already know you always catch the Fox before me!

72 buddy.

-Ed

--

Recipient of coveted Samuel F. B. Morse Award, NTTC Pensacola, FL 1977.
72/73 de we6w qrp es CW ONLY; Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (From Non-Ham to Extra in one Day.)

Date: Tue, 20 Jan 1998 18:33:44 EST
From: Bigbob97 <Bigbob97@aol.com>

To: QRP-L@Lehigh.EDU
Subject: [1518] Colpitts JFet help
Message-ID: <de4cdffc1.34c5345a@aol.com>
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hello to all my friends on this magic list! I could use a little help.

For some time now I have been building a receiver. The IF is 5.0 MHz and the VFO is a Colpitts circuit using an MPF102. Three coils are wound on toroids. One for 160, one for 80, and one for 40. The VFO works at 7.000, 9.000 and 12.000. The problem is that I can't get the 160 position to tune below about 1975 KHz. That is, the VFO won't go much below 7.000. Obviously, I need it to go down to 6.800 in order to tune from 1800 to 2000.

What happens is that as I tune down there is a point at which it just stops oscillating.

I thought I would have problems with the oscillator not going high enough. Never thought it would drop out on the down side. The capacitance is varied with an MV2115 varactor diode. The source lead of the MPF102 has an RF choke (resistor with 40 turns of #30 wire on it) going to ground. My thoughts were that perhaps this should have fewer turns on it.

Does anyone have any ideas? Thanks in advance.

Bob WB2DHK in Jersey City, NJ

Date: Tue, 20 Jan 1998 15:57:09 -0800 (PST)
From: "Robert P. Okas" <vintage@best.com>
To: Bigbob97 <Bigbob97@aol.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [1519] Re: Colpitts JFet help
Message-ID: <Pine.BSF.3.96.980120154703.20099B-1000000@shell114.ba.best.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Bob,

'Nuther Bob here. A couple of thoughts. It sounds as if your source choke has too *few* turns on it and is shunting too much RF energy to ground. If you use a choke of 1 mHy, you'll get about 44K of reactance at 7 MHz. It may take a higher value... Another cause might be feedback capacitors that are too low in value.

Good Luck,
Bob - W3CD

On Tue, 20 Jan 1998, Bigbob97 wrote:

> Hello to all my friends on this magic list! I could use a little help.
>

snip

> What happens is that as I tune down there is a point at which it just stops
> oscillating.
>

snip

> The source lead of the MPF102 has an RF choke
> (resistor with 40 turns of #30 wire on it) going to ground. My thoughts were
> that perhaps this should have fewer turns on it.
>

End of QRP-L Digest 976
